

JVC

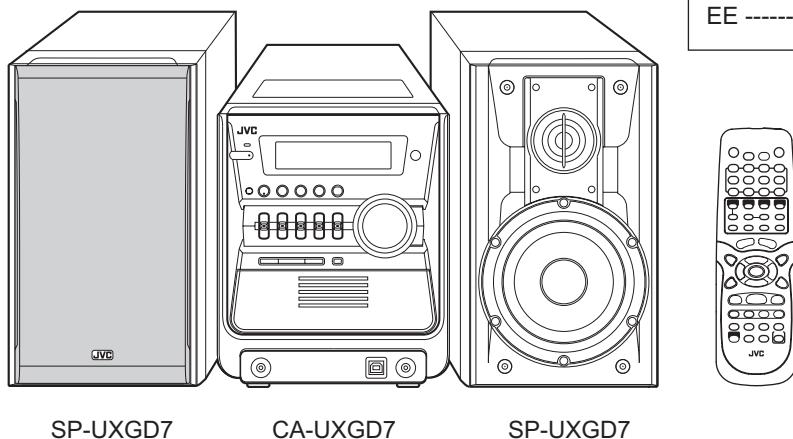
SERVICE MANUAL

MICRO COMPONENT SYSYSTEM

UX-GD7

Area suffix

B ----- U.K.
E ----- Continental Europe
EN ----- Northern Europe
EV ----- Eastern Europe
EE ----- Russian Federation



SP-UXGD7

CA-UXGD7

SP-UXGD7



R·D·S



Digital Direct Progressive Scan

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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SPECIFICATION

Amplifier section	Output power		140 W (70 W + 70 W) at 6Ω(10% THD)
	Analog input	AUX	Sensitivity/Impedance (at 1 kHz): 400 mV/47 kΩ
	USB input		USB Ver.1.1
	Digital output	OPTICAL DIGITAL OUT	-21 dBm to -15 dBm (660 nm ±30 nm)
	VIDEO OUT	Color system	PAL
		Video (composite)	1 V(p-p)/75Ω
		S-video	Y (luminance): 1 V(p-p)/75Ω C (chrominance, burst): 0.3 V(p-p)/75Ω
		RGB	0.7 V(p-p)/75Ω
		COMPONENT	(Y): 1 V(p-p)/75Ω (PB/PR): 0.7 V(p-p)/75Ω
	Speaker terminals	Impedance	6Ω- 16Ω
Tuner section	FM tuning range		87.50 MHz - 108.00 MHz
	AM tuning range		522 kHz - 1 629 kHz
Disc player section	Playable disc		DVD Video/DVD Audio CD/VCD/SVCD CD-R/CD-RW (recorded in Audio CD/ Video CD/Super Video CD/MP3/JPEG/DivX format) DVD-R (recorded in video/MP3/JPEG/DivX format) DVD-RW/DVD-RAM (recorded in video/DVD-VR/MP3/JPEG/DivX format)
	Horizontal resolution		500 lines
	Wow and flutter		Immeasurable
General	Power requirement		AC 230 V , 50 Hz
	Power consumption		150 W (at operation) 1.3 W (on standby)
	Dimensions (approx.)		189 mm × 224 mm × 406 mm(W/H/D)
	Mass (approx.)		6.5 kg
Speakers	Type		2-way Bass-reflex type, Magnetically shielded
	Speaker systems	Woofer	12 cm cone × 1
		Tweeter	4 cm cone × 1
	Power handling capacity		70 W
	Impedance		6Ω
	Frequency range		45 Hz - 20 000 Hz
	Sound pressure level		84 dB/W·m
	Dimensions (approx.)		165 mm × 286 mm × 237 mm(W/H/D)
Mass (approx.)		2.8 kg each	

Design and specifications are subject to change without notice.

SECTION 1

PRECAUTIONS

1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).

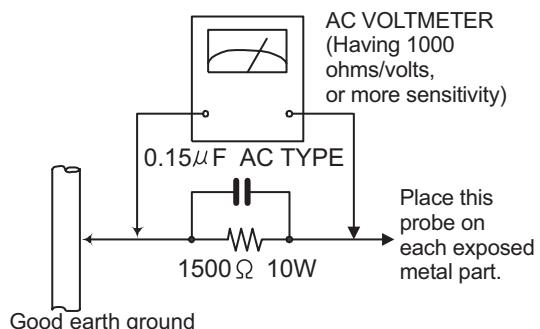
• Alternate check method

Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, $1,000\Omega$ per volt or more sensitivity in the following manner. Connect a $1,500\Omega$ 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground.

Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.

Therefore, pay attention to such burrs in the case of performing repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (- - -), diode (| |) and ICP (●) or identified by the " Δ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer. (This regulation dose not Except the J and C version)

1.5 Safety Precautions (U.K only)

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits.
- (2) Any unauthorised design alterations or additions will void the manufacturer's guarantee; furthermore the manufacturer cannot accept responsibility for personal injury or property damage resulting therefrom.
- (3) Essential safety critical components are identified by () on the Parts List and by shading on the schematics, and must never be replaced by parts other than those listed in the manual. Please note however that many electrical and mechanical parts in the product have special safety related characteristics. These characteristics are often not evident from visual inspection. Parts other than specified by the manufacturer may not have the same safety characteristics as the recommended replacement parts shown in the Parts List of the Service Manual and may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

1.5.1 Warning

- (1) Service should be performed by qualified personnel only.
- (2) This equipment has been designed and manufactured to meet international safety standards.
- (3) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (4) Repairs must be made in accordance with the relevant safety standards.
- (5) It is essential that safety critical components are replaced by approved parts.
- (6) If mains voltage selector is provided, check setting for local voltage.



CAUTION Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of performing repair of this system.

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Disassembly of the main blocks of the set

Replacement of the fuses and the power IC.

3.1.1 Replacing the fuses

(See Fig. C)

- Prior to performing the following procedure, remove the rear cover.
(1) Replace the fuses inside.

Caution:

Be sure to use fuses with the specified ratings.

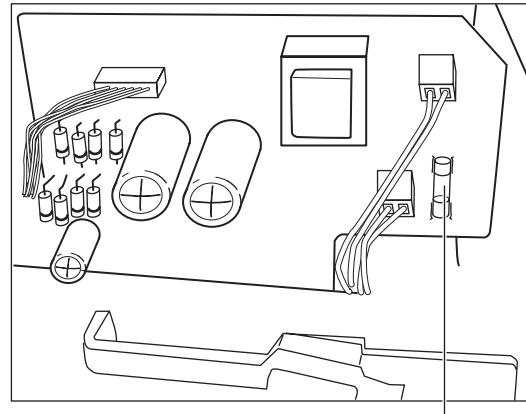


Fig.C

3.1.2 Replacing the power IC

(See Fig. D)

- Prior to performing the following procedure, remove the rear cover.
(1) Remove the two screws **H** from the heat sink between the power IC.
(2) Remove the solder fixing the power IC.

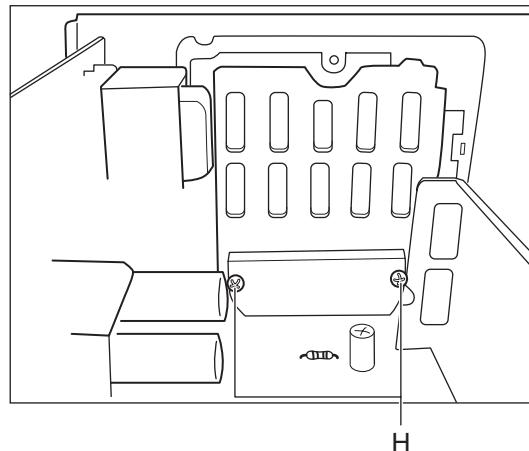


Fig.D

3.2 MAIN BODY

3.2.1 Removing the Metal Side Left and the Metal Side Right

(See Fig. 1-1, Fig. 1-2 and Fig. 1-3)

(1) Unscrew the 10 screws A from the Rear Panel, the Top Cover and the Chassis Main.

(2) Remove the Metal Side Left and the Metal Side Right.

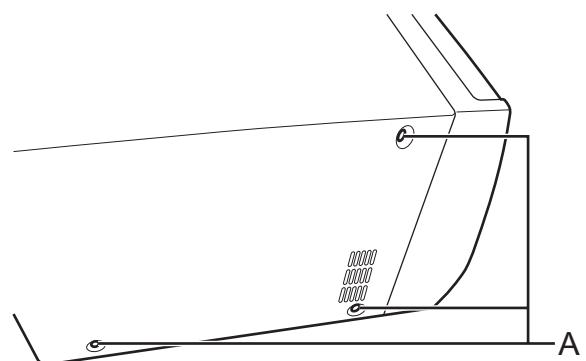


Fig.1-1

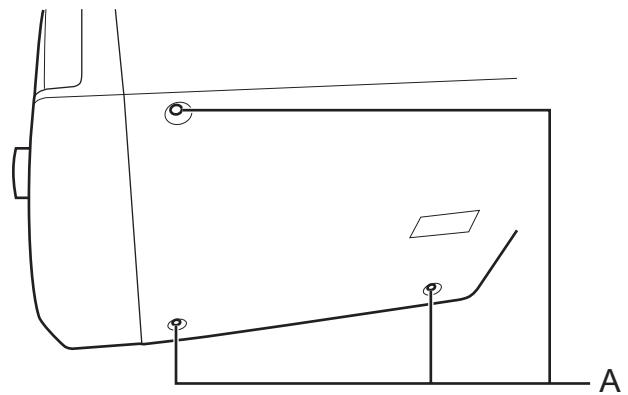


Fig.1-2

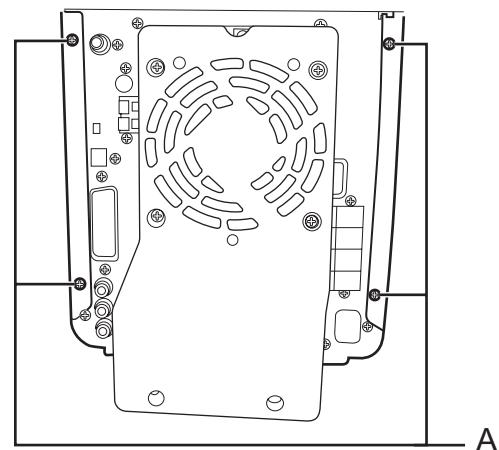


Fig.1-3

3.2.2 Removing the Top Cover

(See Fig. 2-1, Fig. 2-2 and Fig. 2-3)

- (1) Unscrew the 2 Screws **B** and 2 Screws **C**.
- (2) Removing the Top Cover.

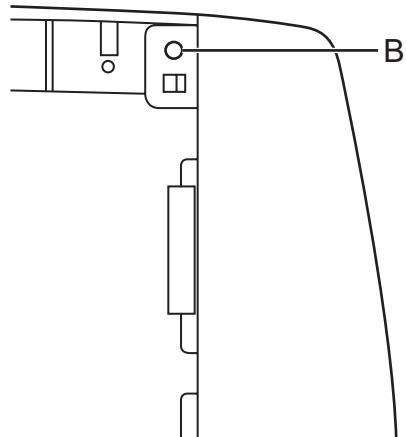


Fig.2-1

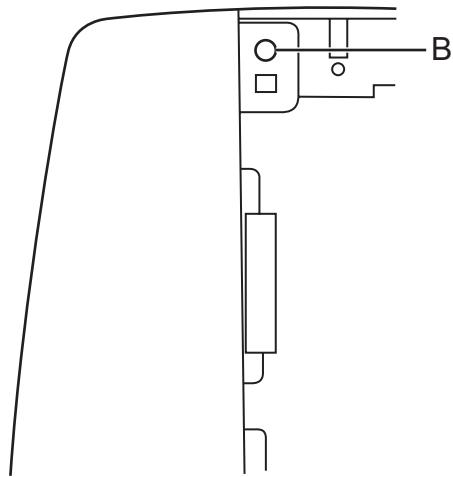


Fig.2-2

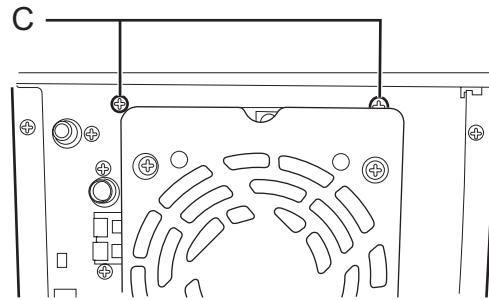


Fig.2-3

3.2.3 Removing the Cabinet Front

(See Fig. 3-1, Fig. 3-2, Fig. 3-3 and Fig. 3-4)

(1) Unscrew the 3 Screws D from the Chassis Main.

(2) Pulling out the 3 cable connectors from the Main Board unit and the AMP Board unit then removing the Cabinet Front.

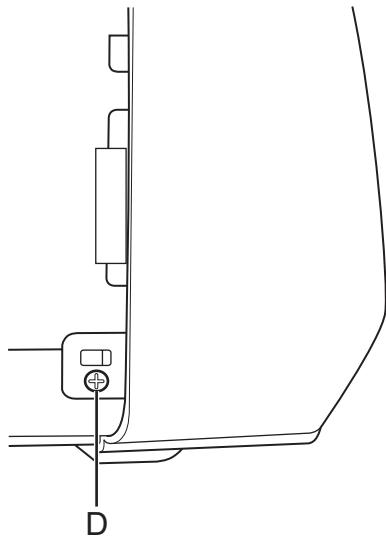


Fig.3-1

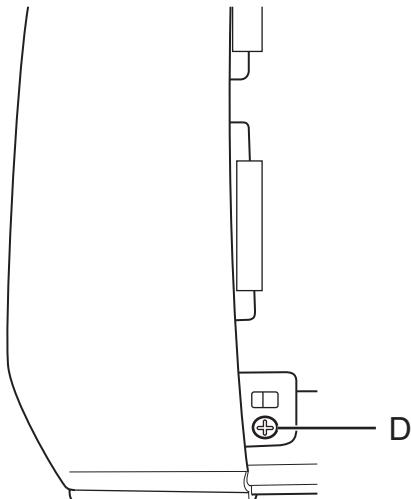


Fig.3-2

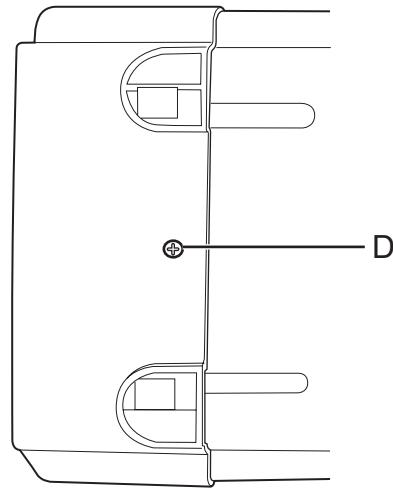


Fig.3-3

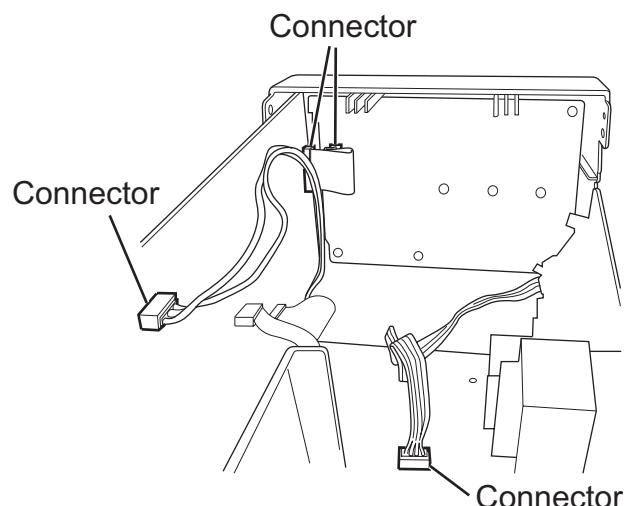


Fig.3-4

3.2.4 Removing the Cover Heat Sink and the Fan

(See Fig.4-1, Fig.4-2 and Fig.4-3)

- (1) Unscrew the 5 Screws **E** from the Chassis Main and the Rear Panel.
- (2) Pulling out the cable connector from the AMP Board then removing the Cover Heat Sink and the Fan.
- (3) Unscrew the 4 Screws **M** from the Fan.
- (4) Removing the Fan.

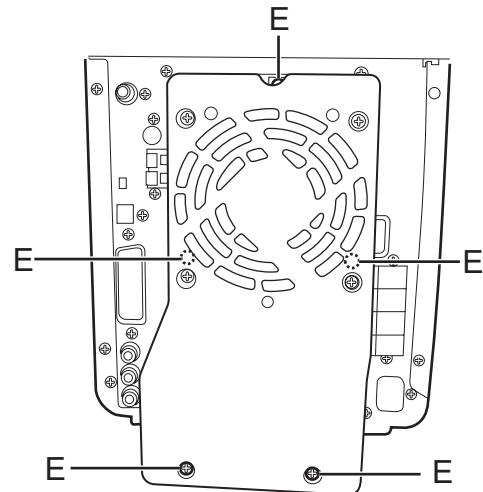


Fig.4-1

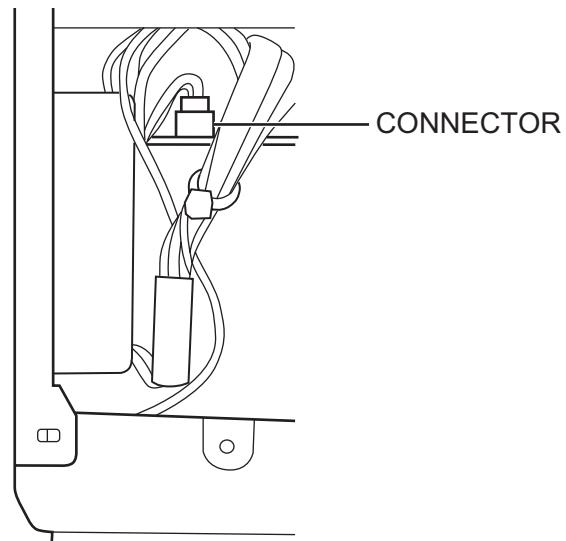


Fig.4-2

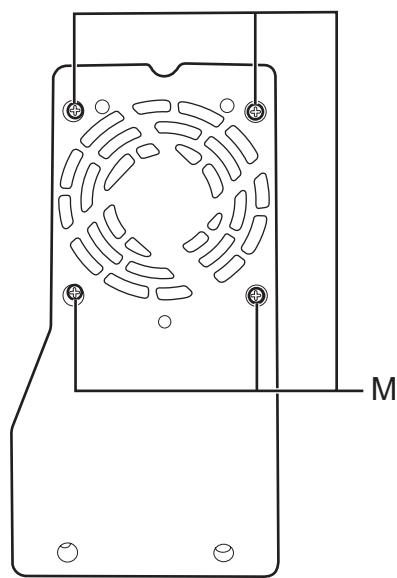


Fig.4-3

3.2.5 Removing the Rear Panel the Tuner and the Speaker Board

(See Fig.5-1, Fig.5-2 and Fig.5-3)

- (1) Unscrew the 15 screws C from the Main Board unit, the Tuner, the Heat Sink, the Chassis Main and the scart Board unit.
- (2) Pulling out the 2 cable connectors from the AMP Board unit and the Power Board unit then removing the Panel Rear, the Tuner and the Speaker Board.

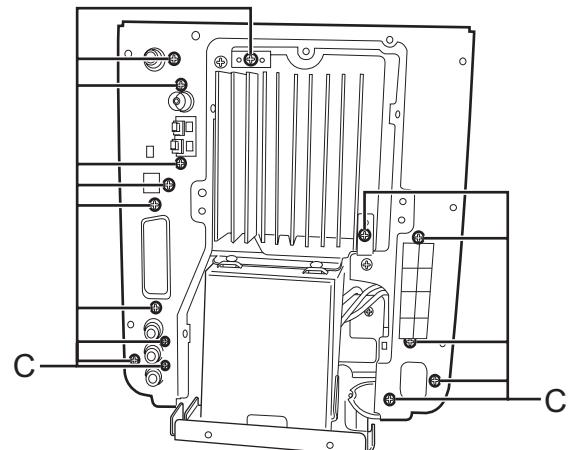


Fig.5-1

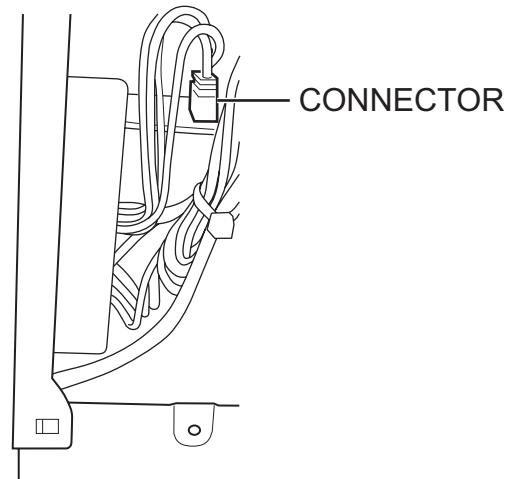


Fig.5-2

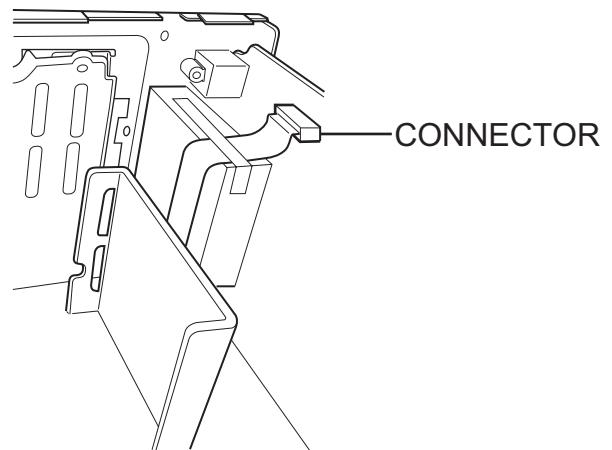


Fig.5-3

3.3 CABINET FRONTCHASSIS MAIN ASSEMBLY

3.3.1 Removing the Knob Volume, the Display Board and the USB Board (See Fig.6-1 and Fig.6-2)

- Prior to performing the following procedure before removing the Display Board.
 - Pulling out the Knob Volume from the Display Board.
 - Unscrew the 15 screws **F** from the Cabinet Front, then taking out the Display Board and the USB Board.

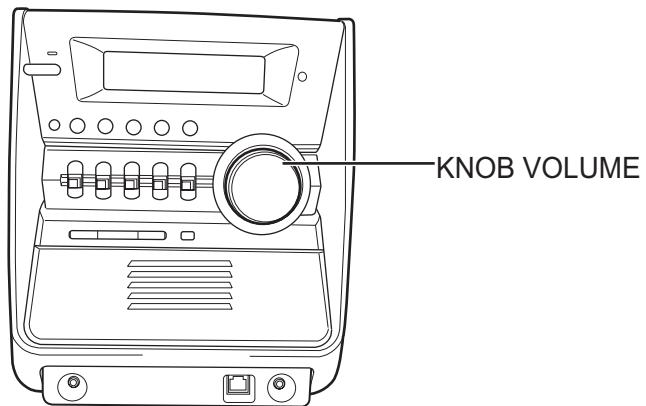


Fig.6-1

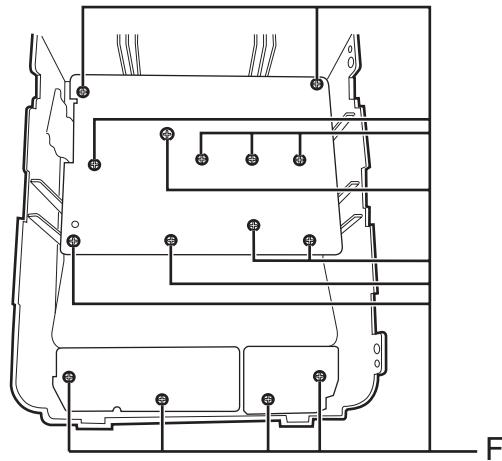


Fig.6-2

3.3.2 Removing the Main Board and the Power Board

(See Fig.7-1, Fig.7-2, Fig.7-3 and Fig.7-4)

- (1) Pulling out the 5 cable connectors from Main Board unit and the Power Board unit.
- (2) Unscrew the 4 screws **G** from the Mechanism Holder.
- (3) Separating the Main Board and the Power Board from the AMP Board vertically.

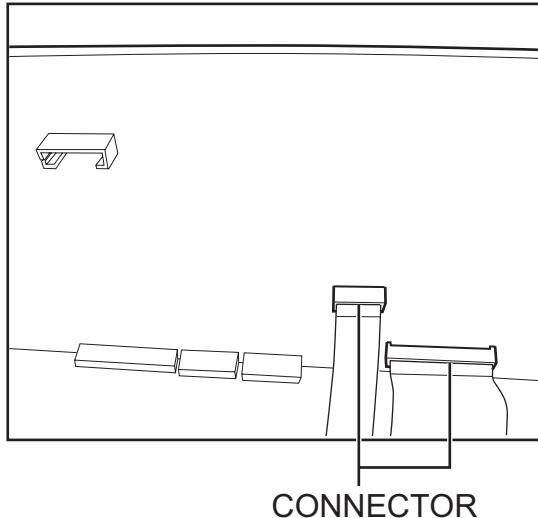


Fig.7-1

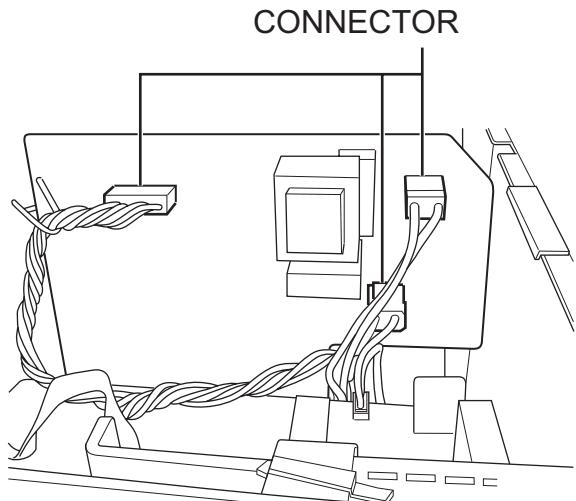


Fig.7-2

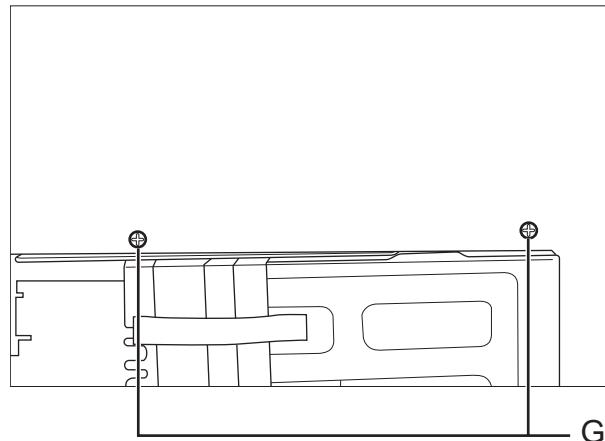


Fig.7-3

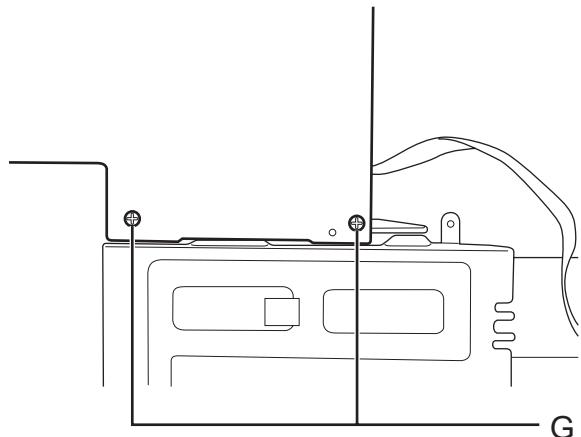


Fig.7-4

3.3.3 Removing the AMP Board and the Main Heat Sink

(See Fig.8-1 and Fig.8-2)

(1) Unscrew the 3 screws **G** and 1 screw **C** from the Mechanism Holder, then removing the AMP Board.

(2) Unscrew the 2 screws **H** then removing the Main Heat Sink.

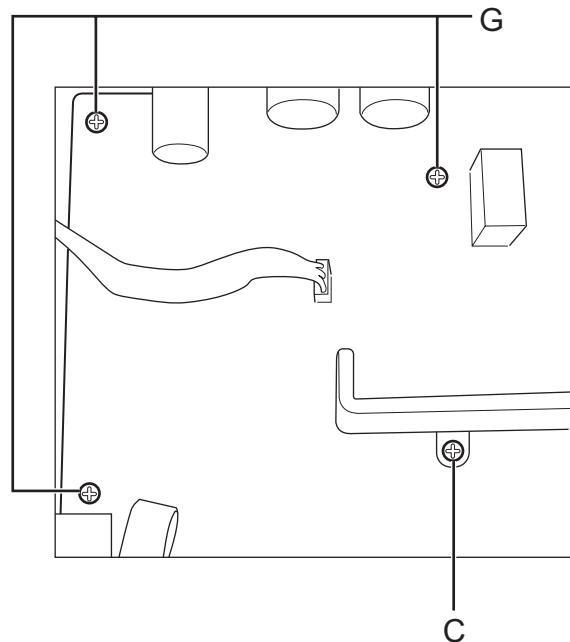


Fig.8-1

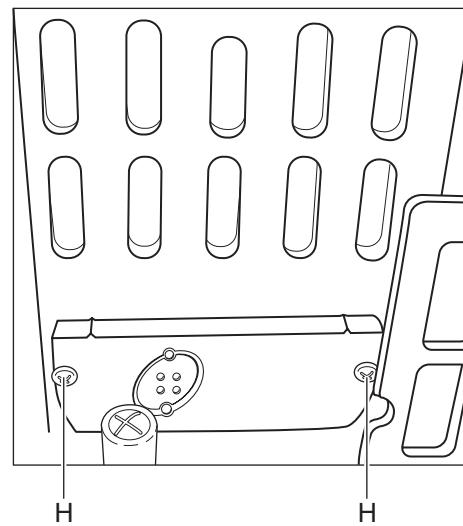


Fig.8-2

3.3.4 Removing the Mechanism Holder

(See Fig.9-1 and Fig.9-2)

- (1) Unscrew the 4 screws I from the Mechanism Holder.
- (2) Removing the Mechanism Holder.

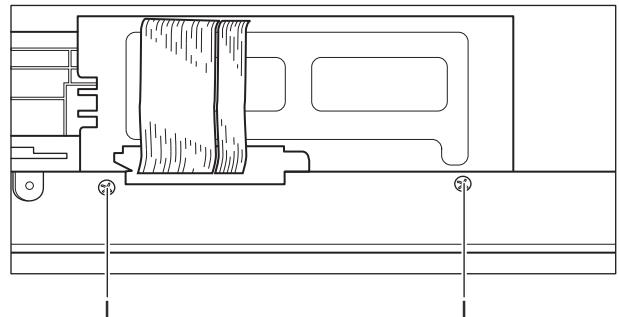


Fig.9-1

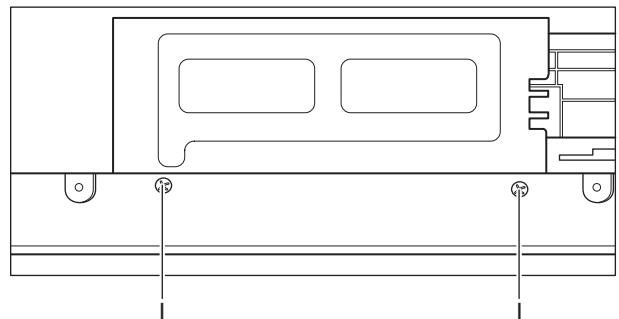


Fig.9-2

3.3.5 Removing the DVD Mechanism (See Fig.10-1, Fig.10-2 and Fig.10-3)

Caution:

The DVD Mechanism may be taken out only when the Rear Panel, the Tuner, the Speaker Board, the Main Board, the Power Board, the AMP Board, the Mechanism Front Holder and the Mechanism Back Holder have been taken away.

- (1) Unscrew the 4 screws **J** from the Chassis Main.
- (2) Separating the DVD Mechanism, the Mechanism Front Holder and the Mechanism Back Holder from the Chassis Main vertically.
- (3) Unscrew the 4 screws **K** from the Mechanism, then removing the Mechanism Front Holder and the Mechanism Back Holder.

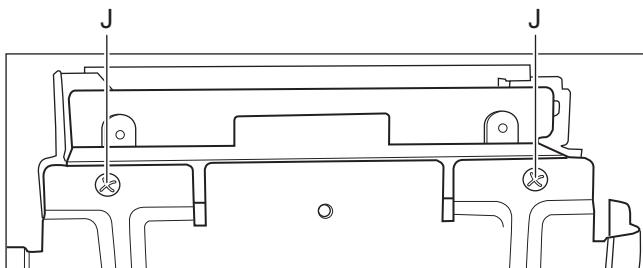


Fig.10-1

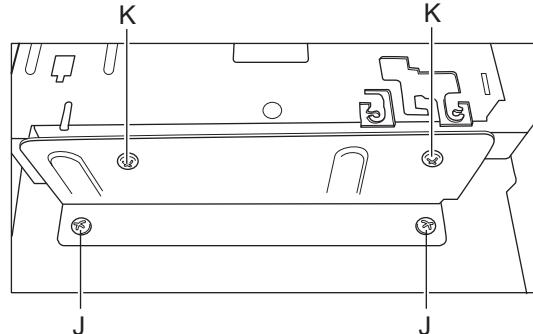


Fig.10-2

CD MECH Assembly

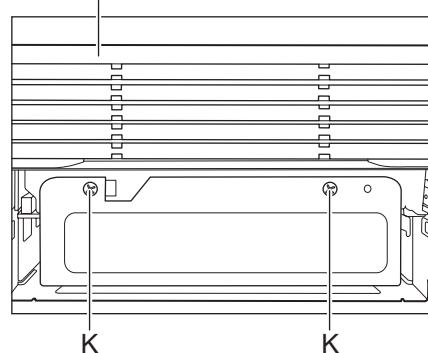


Fig.10-3

3.3.6 Removing the Transformer (See Fig.11)

- (1) Unscrew the 4 screws **L** from the Chassis Main.
- (2) Taking out the Bushing then removing the Silicon Steel Sheet and the Transformer.

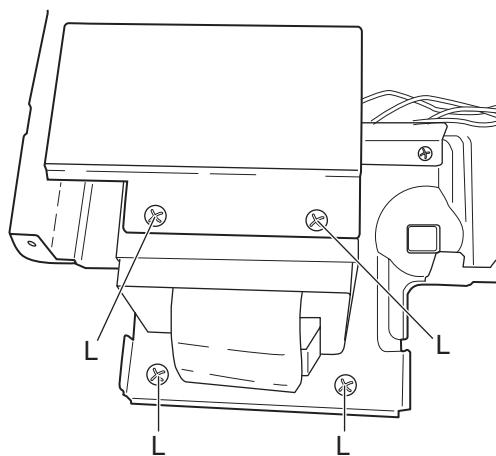


Fig.11

SECTION 4 ADJUSTMENT

4.1 Measurement instruments required for adjustment

- (1) Low frequency oscillator.
This oscillator should have a capacity to output 0dB to 600Ω at an oscillation frequency of 50Hz-20kHz.
- (2) Attenuator impedance : 600Ω
- (3) Electronic voltmeter
- (4) Frequency counter
- (5) Wow flutter meter
- (6) Test tape
VT712 : For Tape speed and wow flutter (3kHz)
VT703 : For Head angle (10kHz)
- (7) Blank tape
TAPE I : AC-225 TAPE II : AC-514
- (8) Torque gauge : For play and back tension forward:
TW2111A, Reverse: TW2121A Fast Forward and Rewind:
TW2231A
- (9) Test disc: CTS-1000(12cm),GRG-1211(8cm)
- (10) Jitter meter

4.2 Measurement conditions

Power supply voltage :AC 230V (50Hz)
Measurement output :Speaker out
terminal :TP101(Measuring for TUNER/DECK/CD)
:Dummy load 6Ω

4.3 Radio input signal

AM modulation frequency :400Hz
Modulation factor :30%
FM modulation frequency :1kHz
Frequency displacement :22.5kHz

4.4 Frequency Range

AM 522kHz to 1629kHz
FM 87.5MHz to 108MHz

4.5 Standard measurement positions of volume and switch

Power	:Standby (Light STANDBY Indicator)
Sound Turbo II / BASS/ TREBLE	OFF
AHB PRO	:OFF
Main VOL.	:0 Minimum
Travers mecha set position	:Disc 1

4.6 Precautions for measurement

- (1) Apply 30pF and 33kΩ to the IF sweeper output side and 0.082 F and 100kΩ in series to the sweeper input side.
- (2) The IF sweeper output level should be made as low as possible within the adjustable range.
- (3) Since the IF sweeper is a fixed device, there is no need to adjust this sweeper.
- (4) Since a ceramic oscillator is used, there is no need to perform any MPX adjustment.
- (5) Since a fixed coil is used, there is no need to adjust the FM tracking.
- (6) The input and output earth systems are separated.
In case of simultaneously measuring the voltage in both of the input and output systems with an electronic voltmeter for two channels, therefore, the earth should be connected particularly.
- (7) In the case of BTL connection amplifier, the minus terminal of speaker is not for earthing. Therefore, be sure not to connect any other earth terminal to this terminal. This system is of an OTL system.

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



JVC

Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB422)

JVC

SCHEMATIC DIAGRAMS

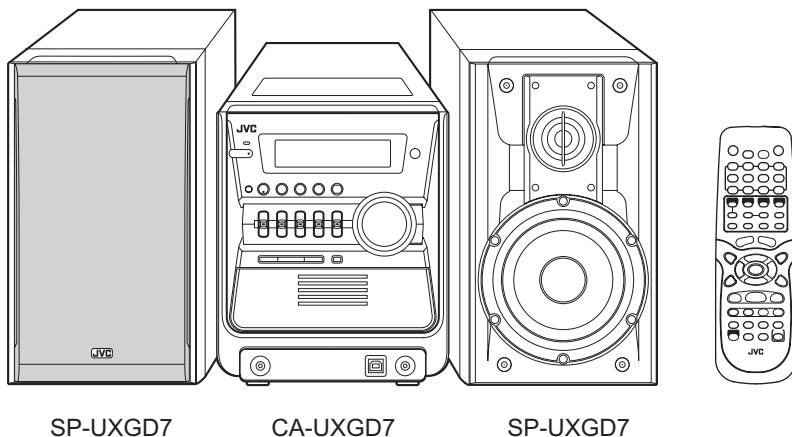
MICRO COMPONENT SYSTEM

UX-GD7

CD-ROM No.SML200508

Area suffix

B ----- U.K.
E ----- Continental Europe
EN ----- Northern Europe
EV ----- Eastern Europe
EE ----- Russian Federation



SP-UXGD7

CA-UXGD7

SP-UXGD7



R·D·S



Digital Direct Progressive Scan

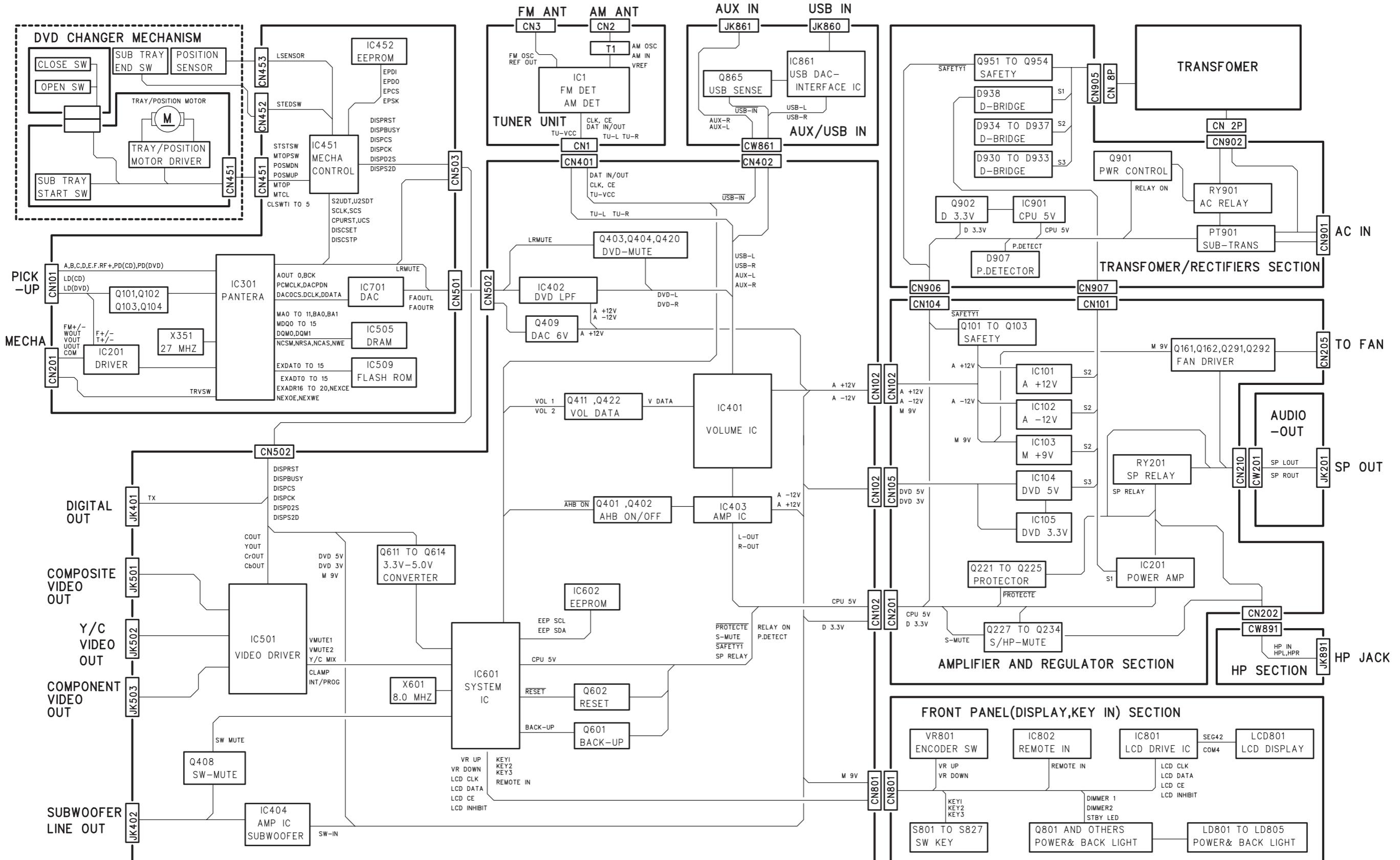
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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Block diagram -----	2-1
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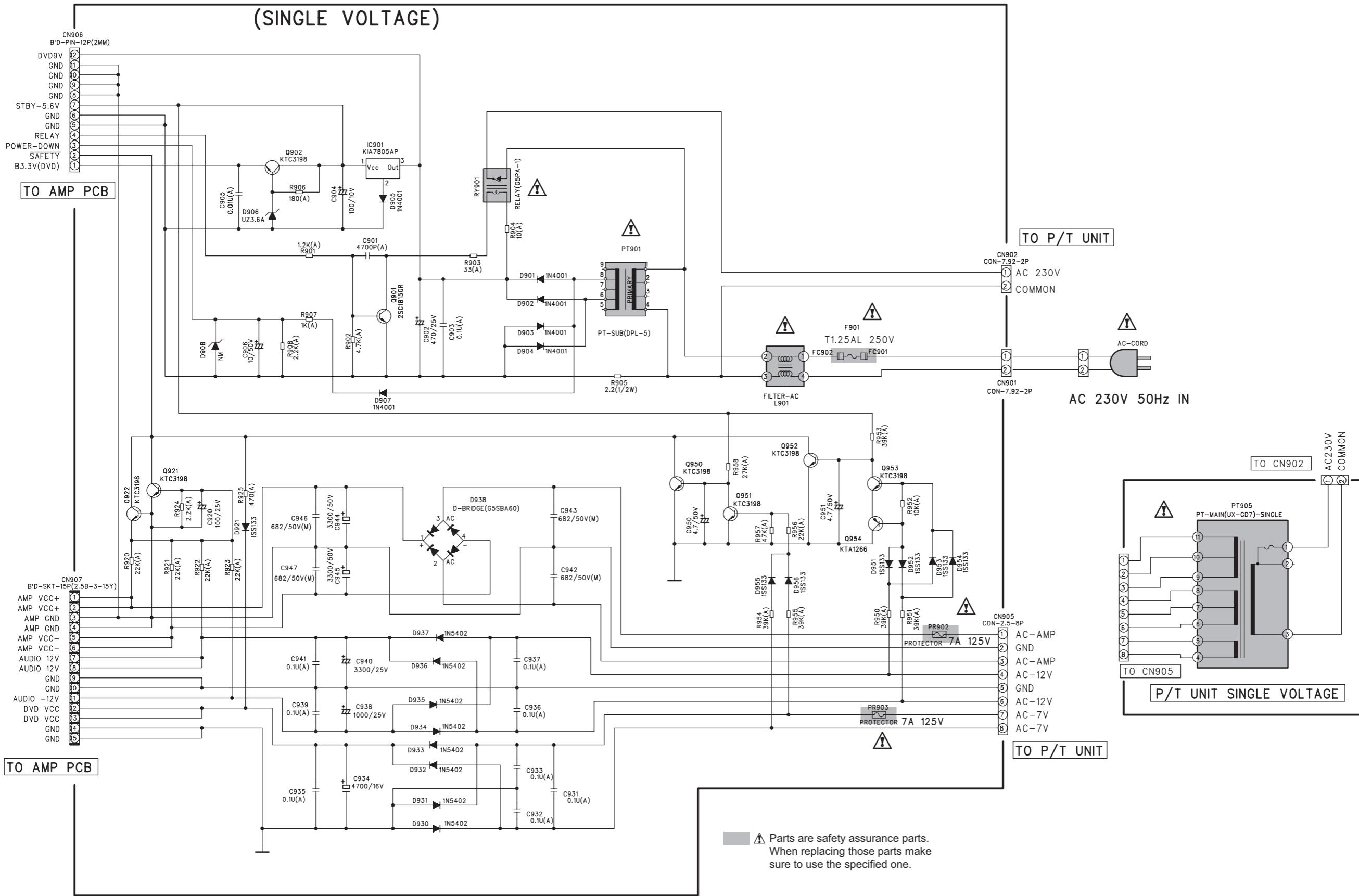
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (■) and ICP (●) or identified by the "Δ" mark nearby are critical for safety.

Block diagram

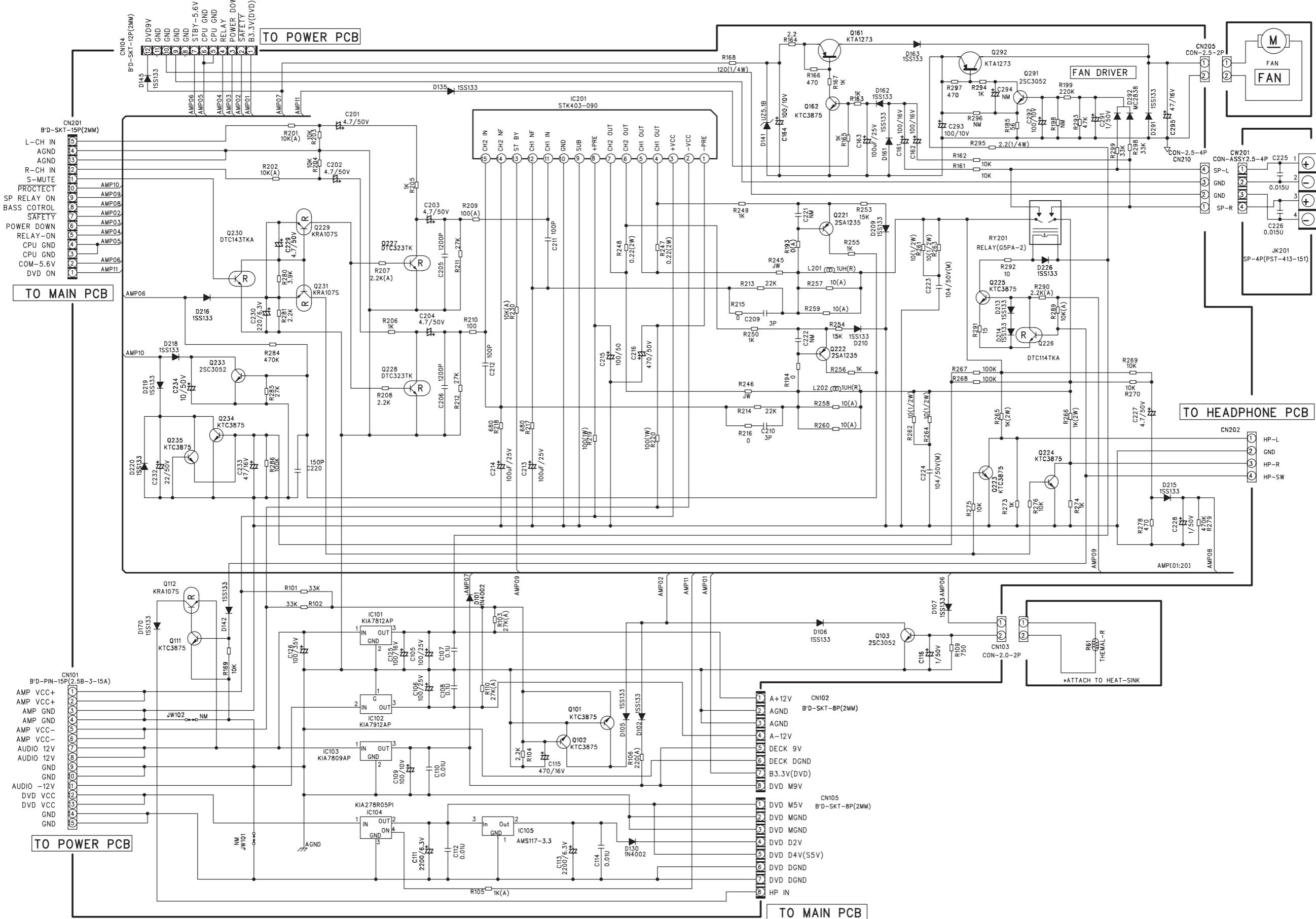


Standard schematic diagrams

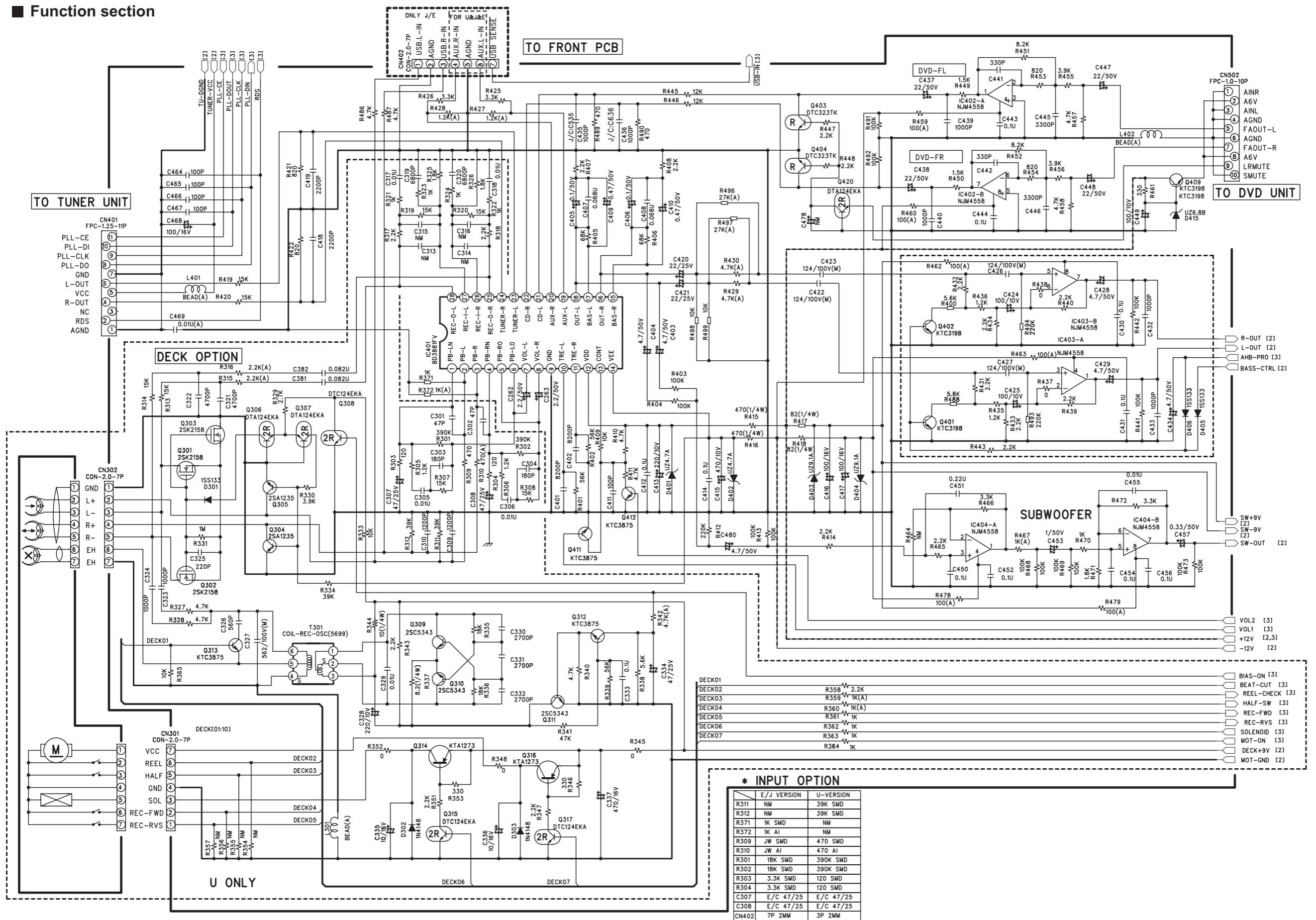
■ Power supply section



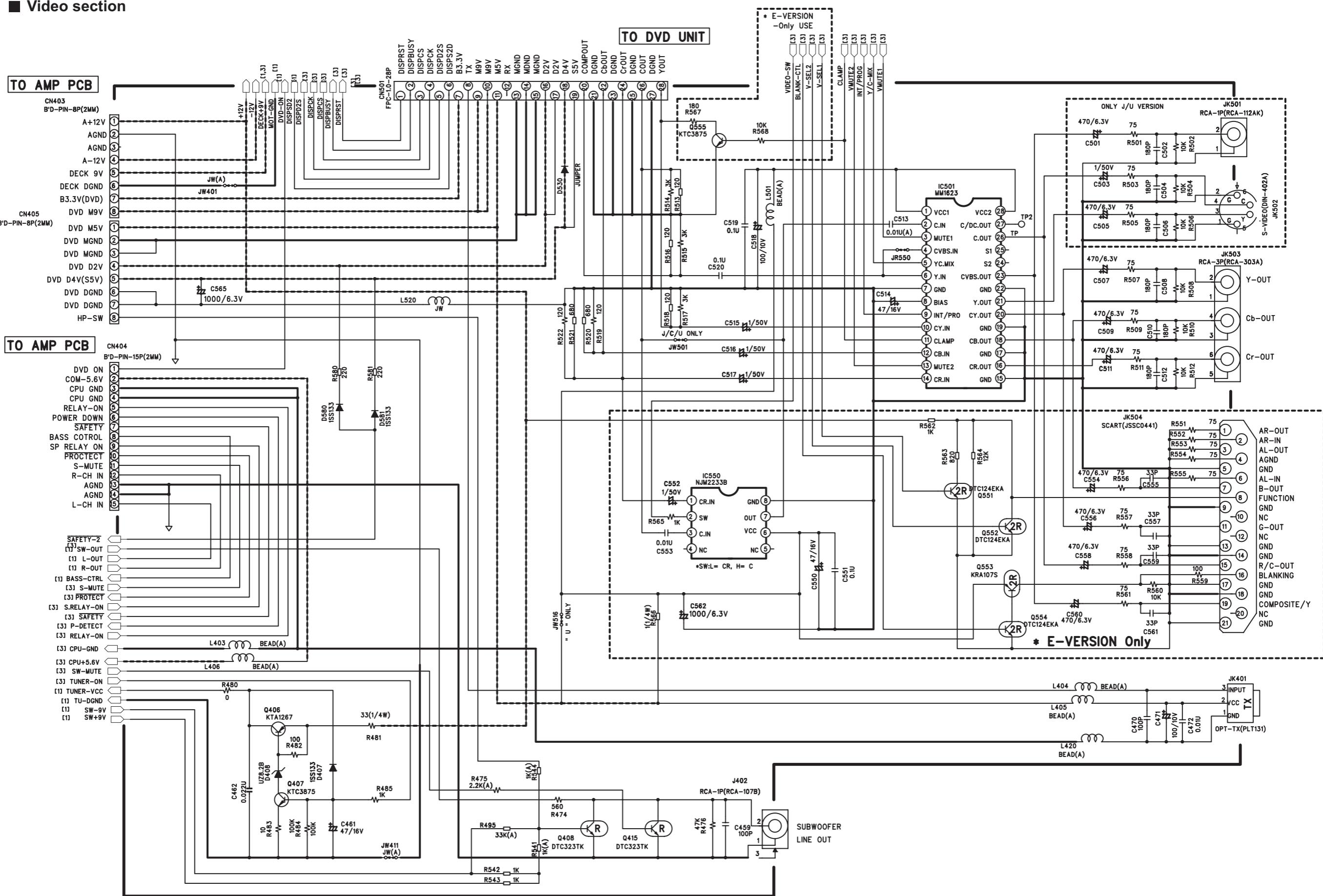
Amp section



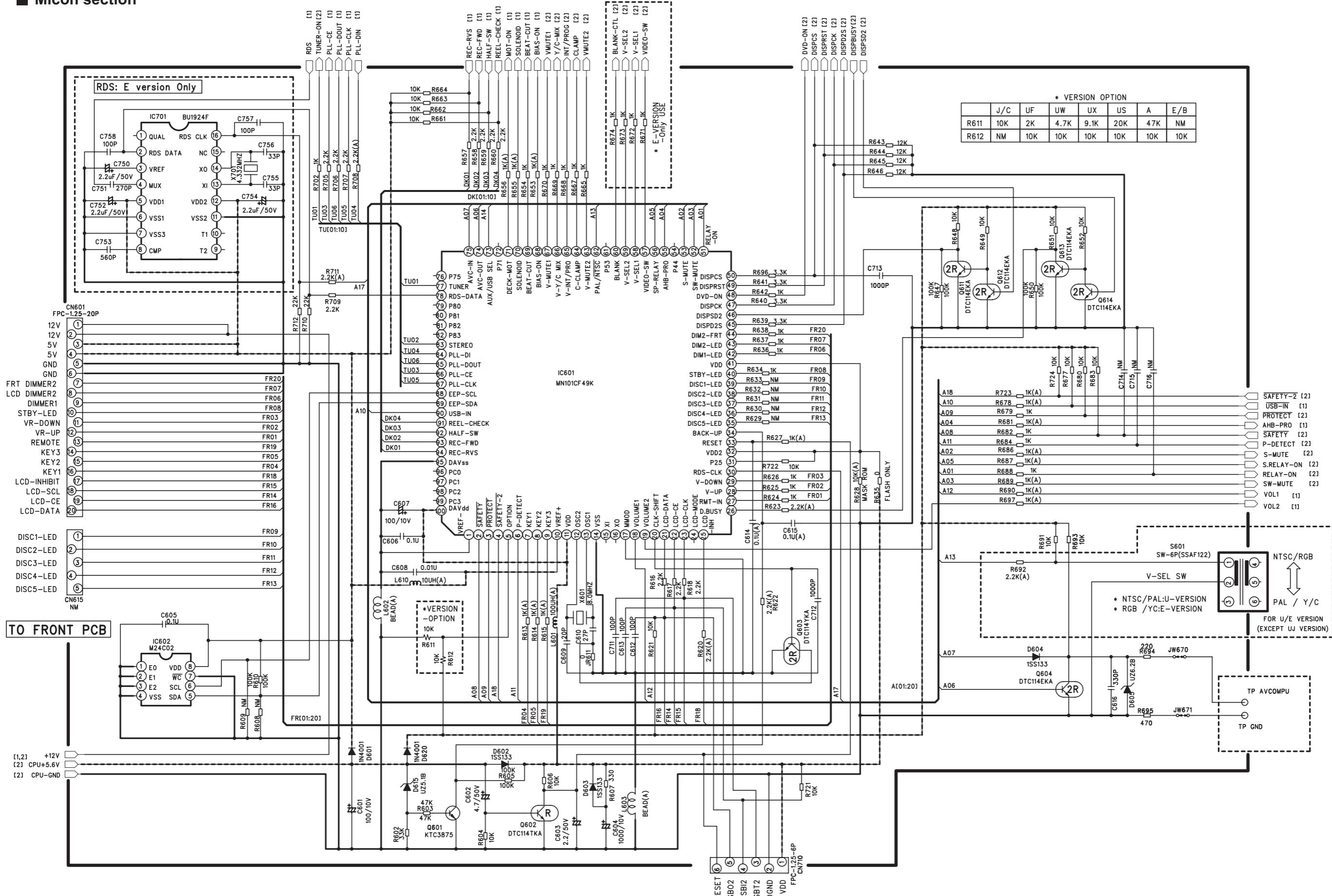
■ Function section



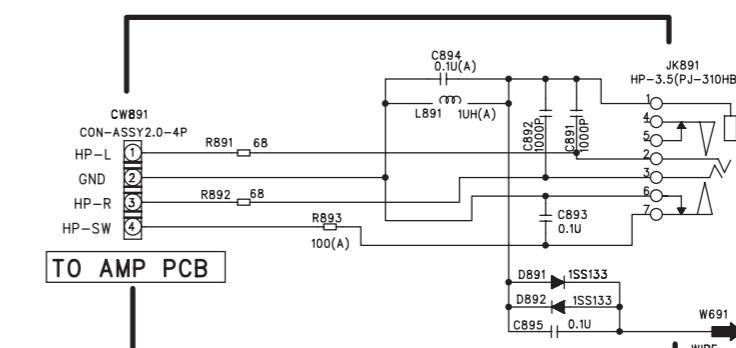
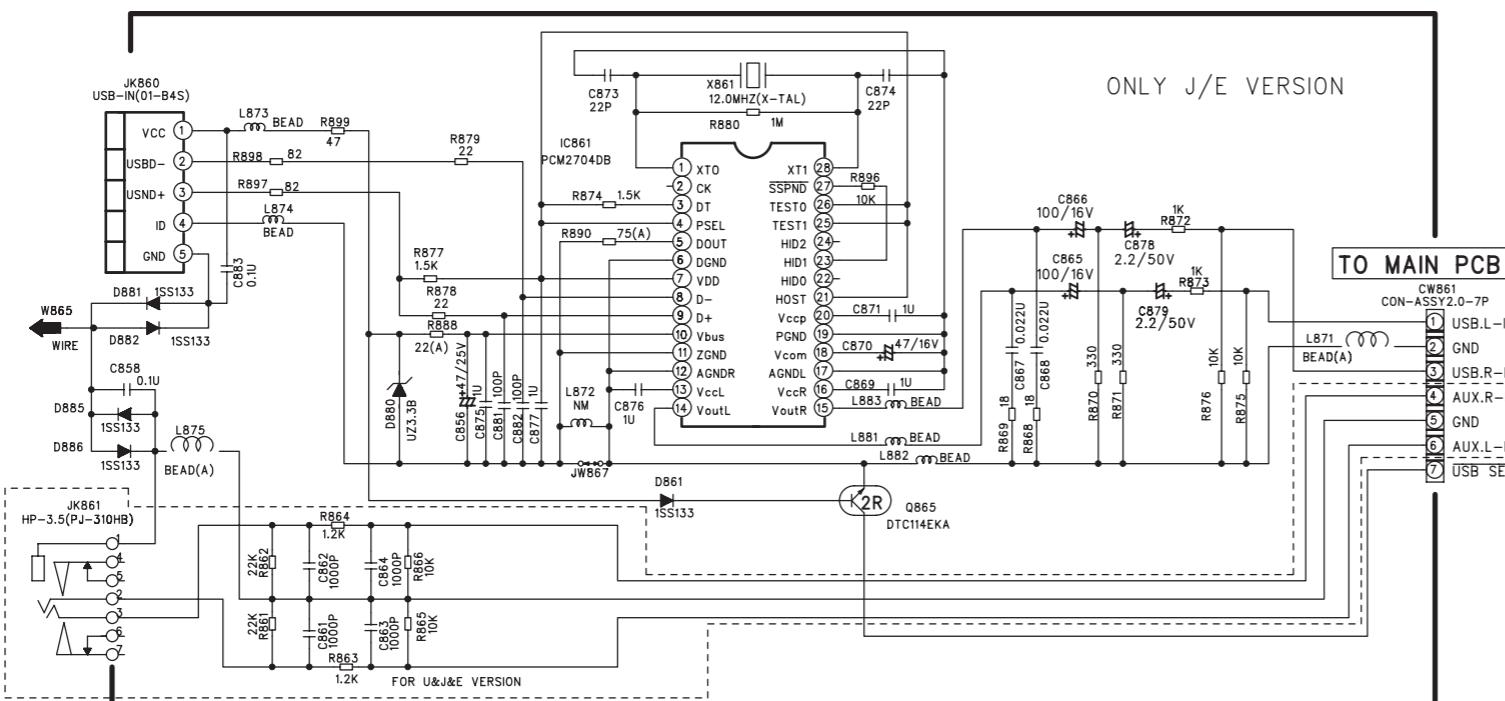
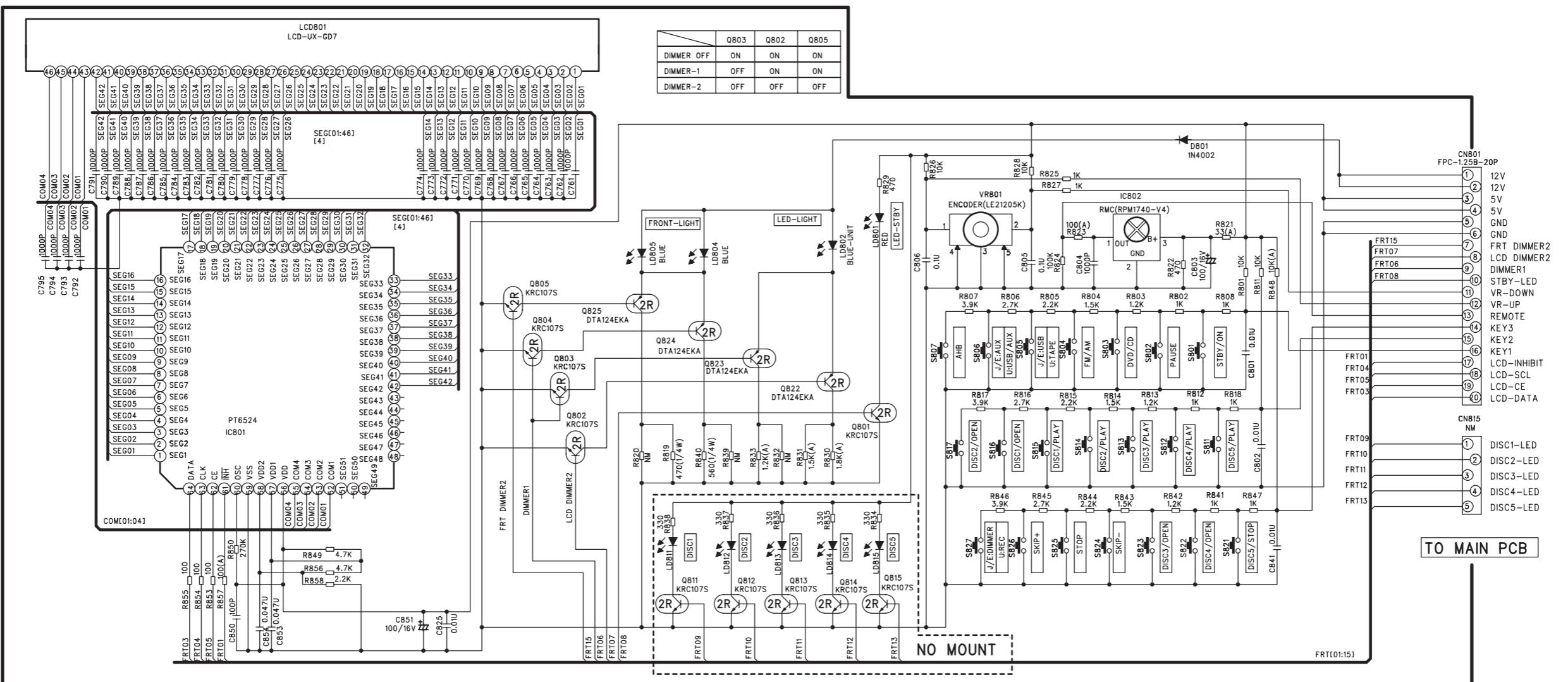
■ Video section



■ Micon section

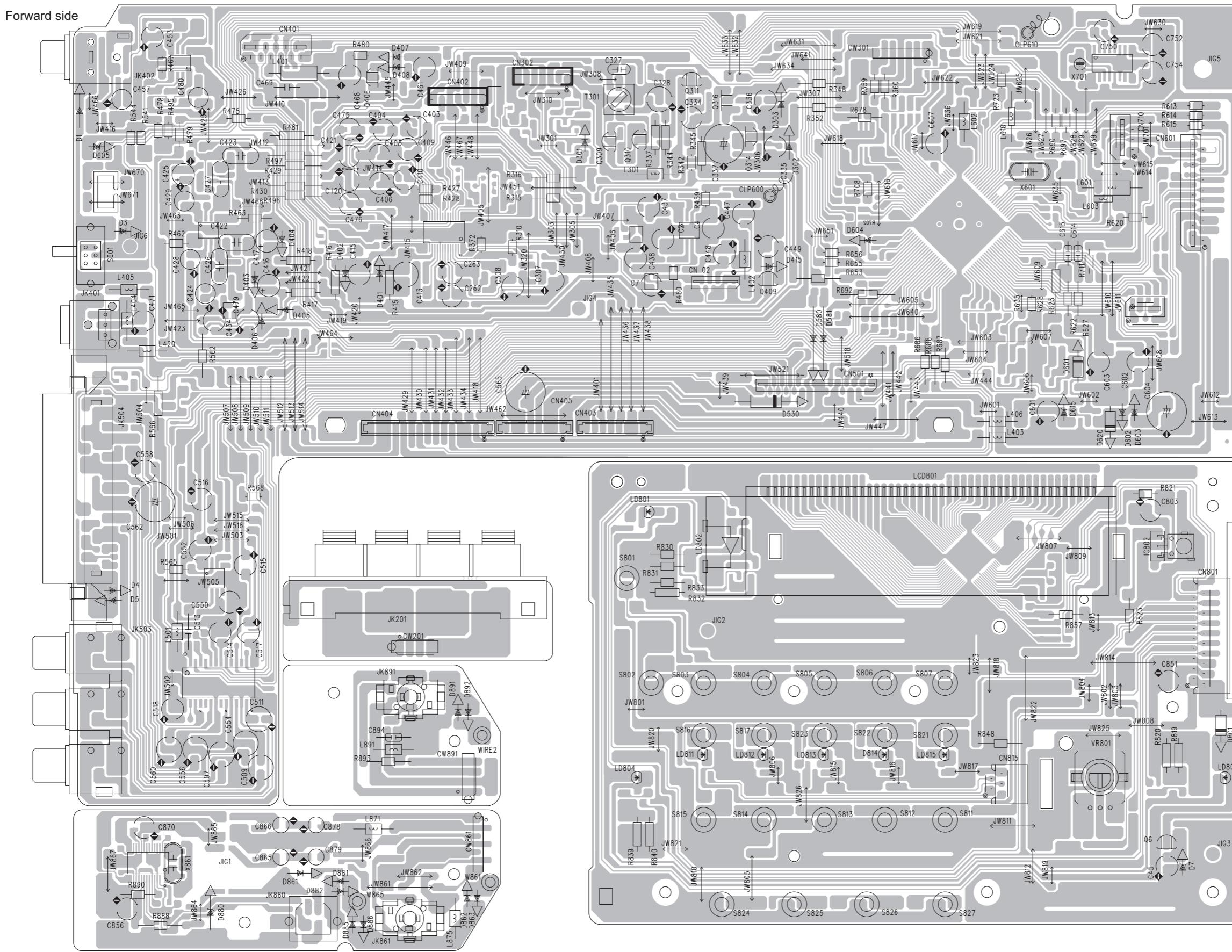


■ Front section



Printed circuit boards

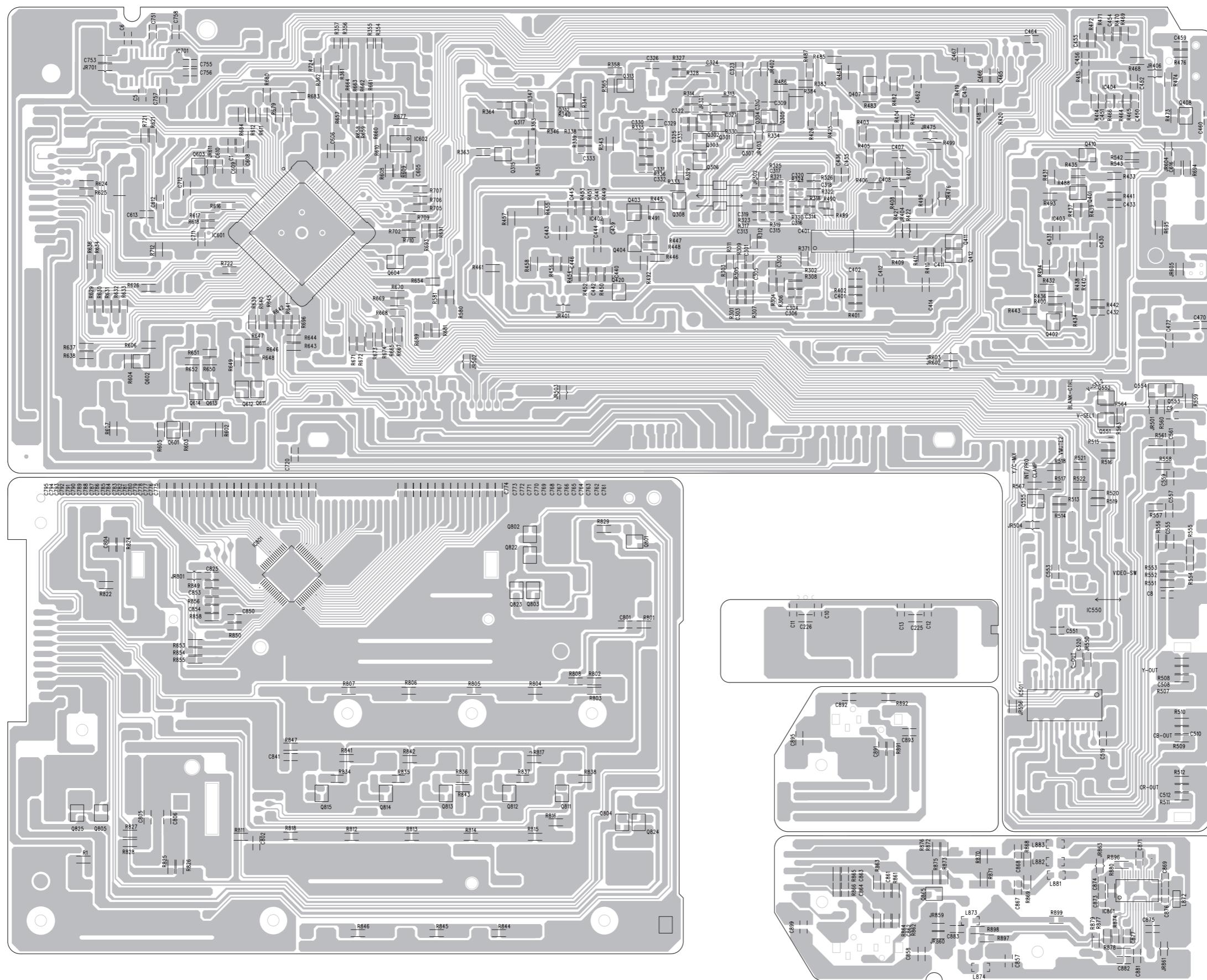
Main board Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrad)



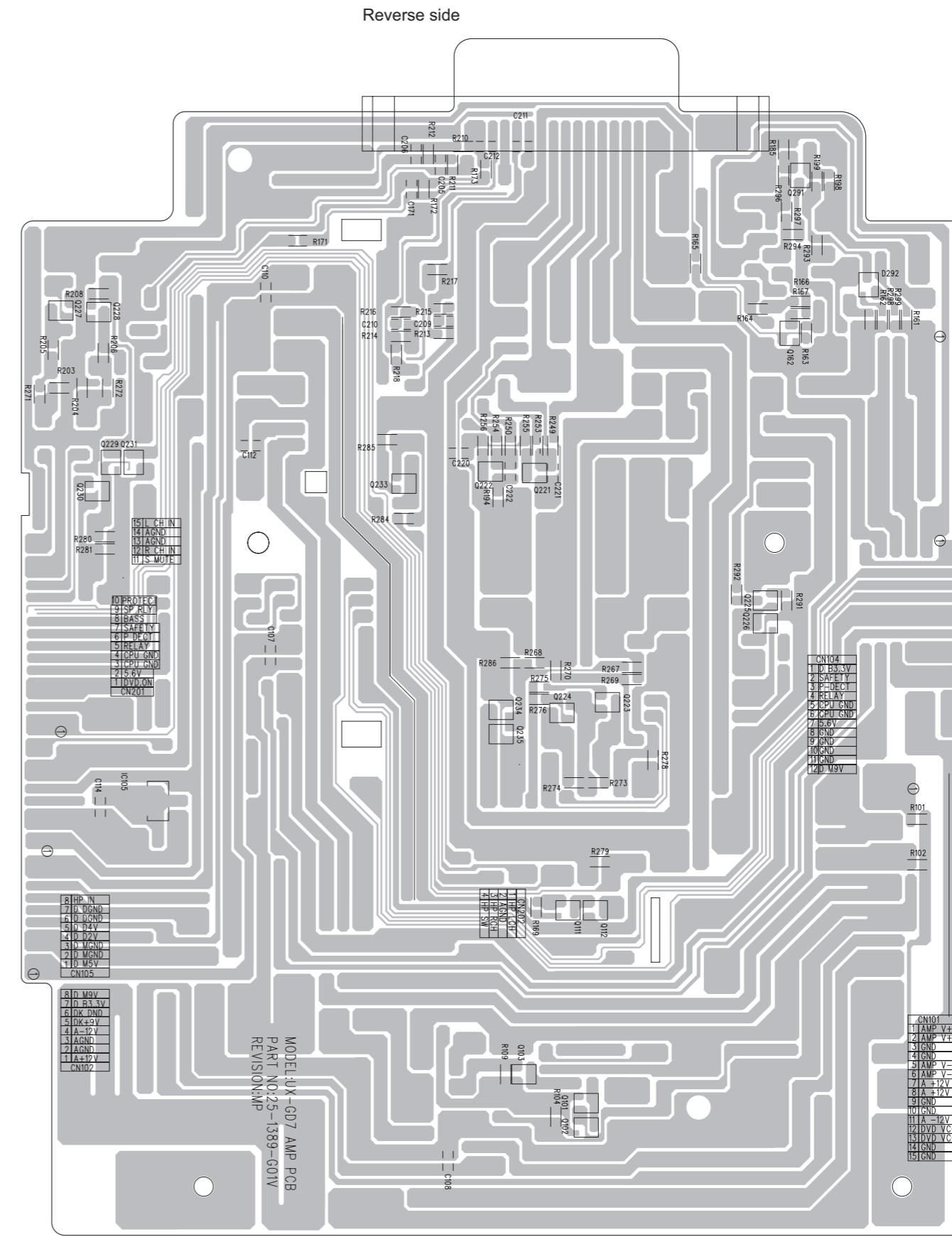
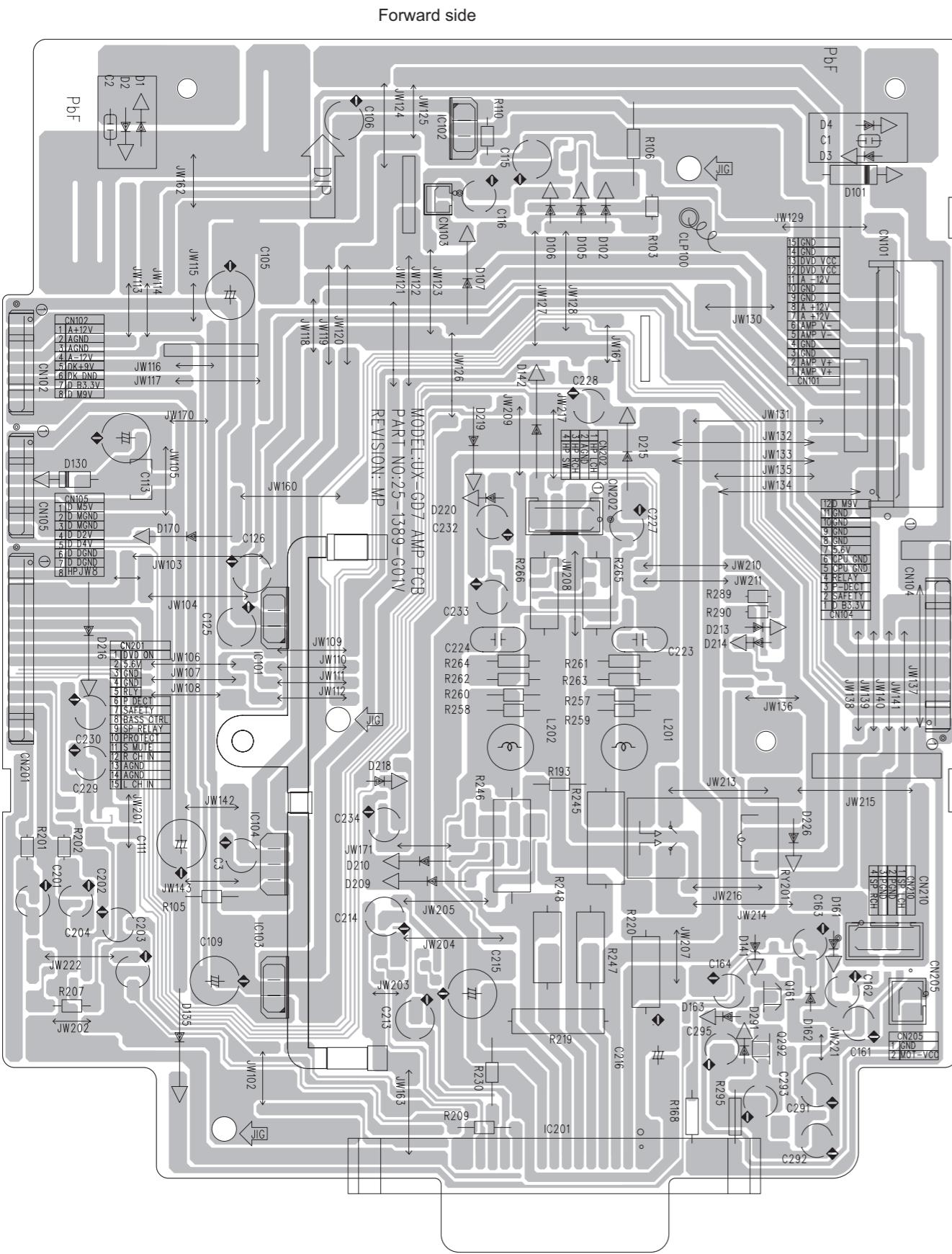
■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Reverse side

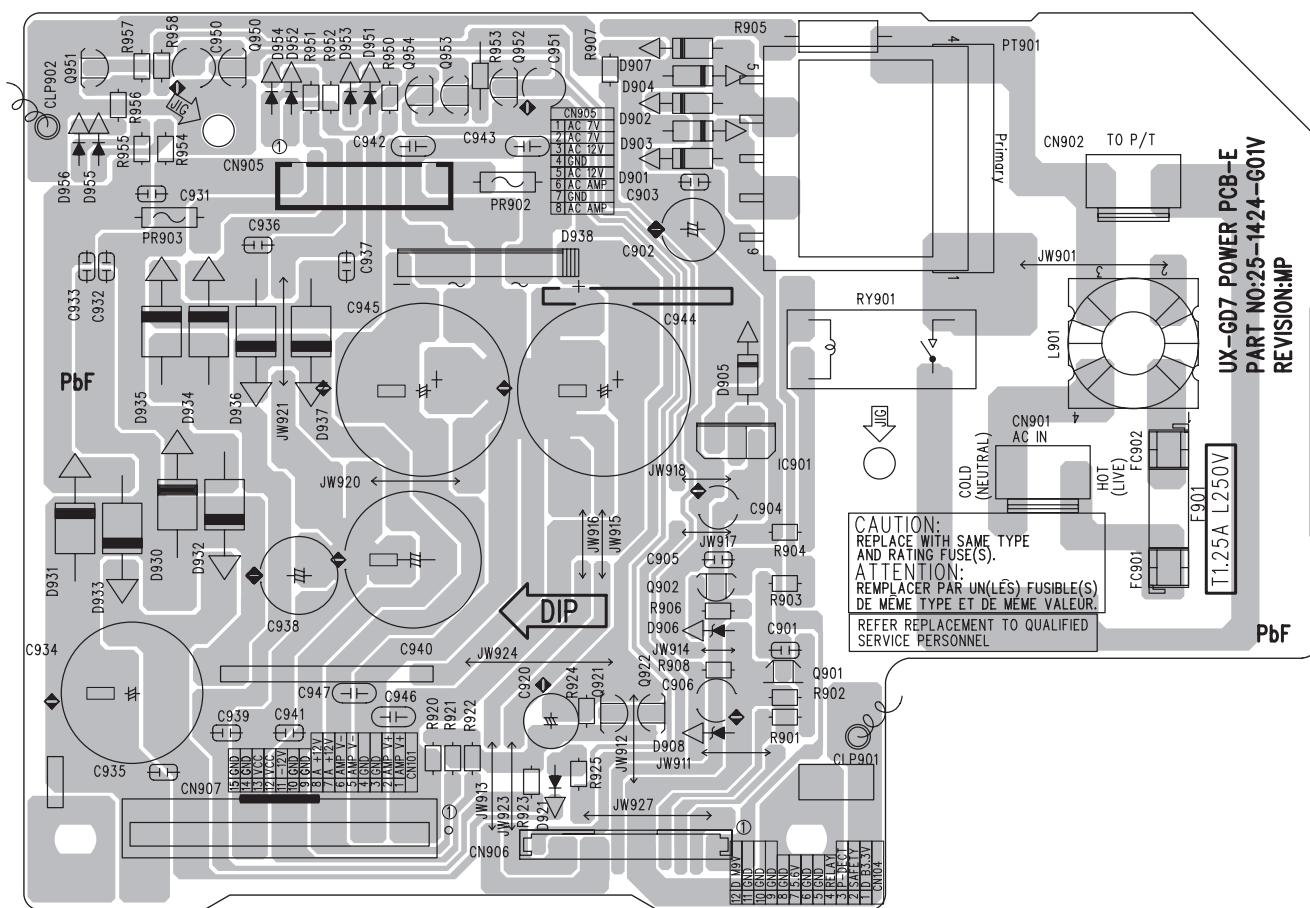


Amp board Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



JVC

Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB422SCH)

 Printed in Japan
VPT

PARTS LIST

[UX-GD7]

* All printed circuit boards and its assemblies are not available as service parts.

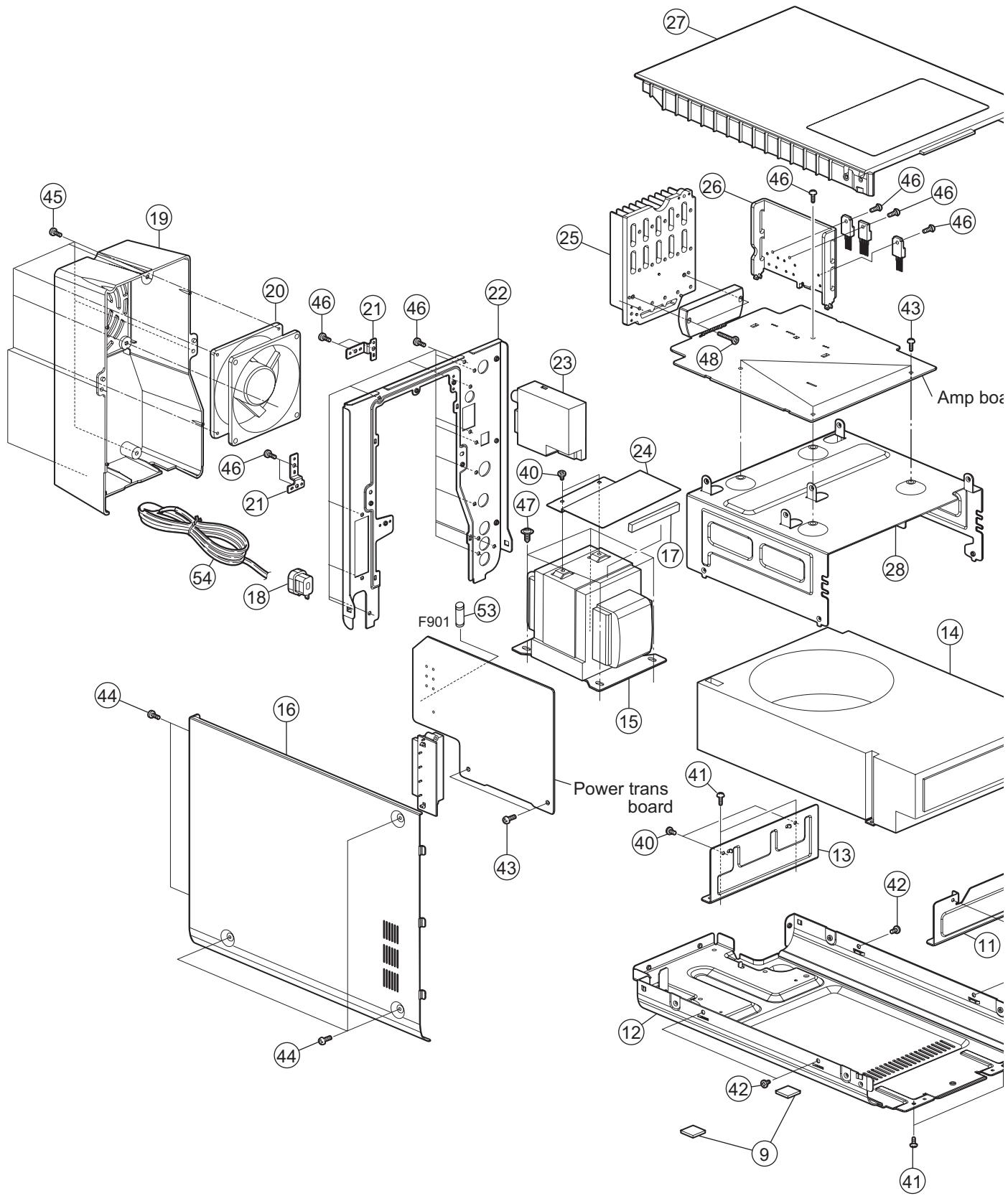
Area suffix	
B	----- U.K.
E	----- Continental Europe
EN	----- Northern Europe
EV	----- Eastern Europe
EE	----- Russian Federation

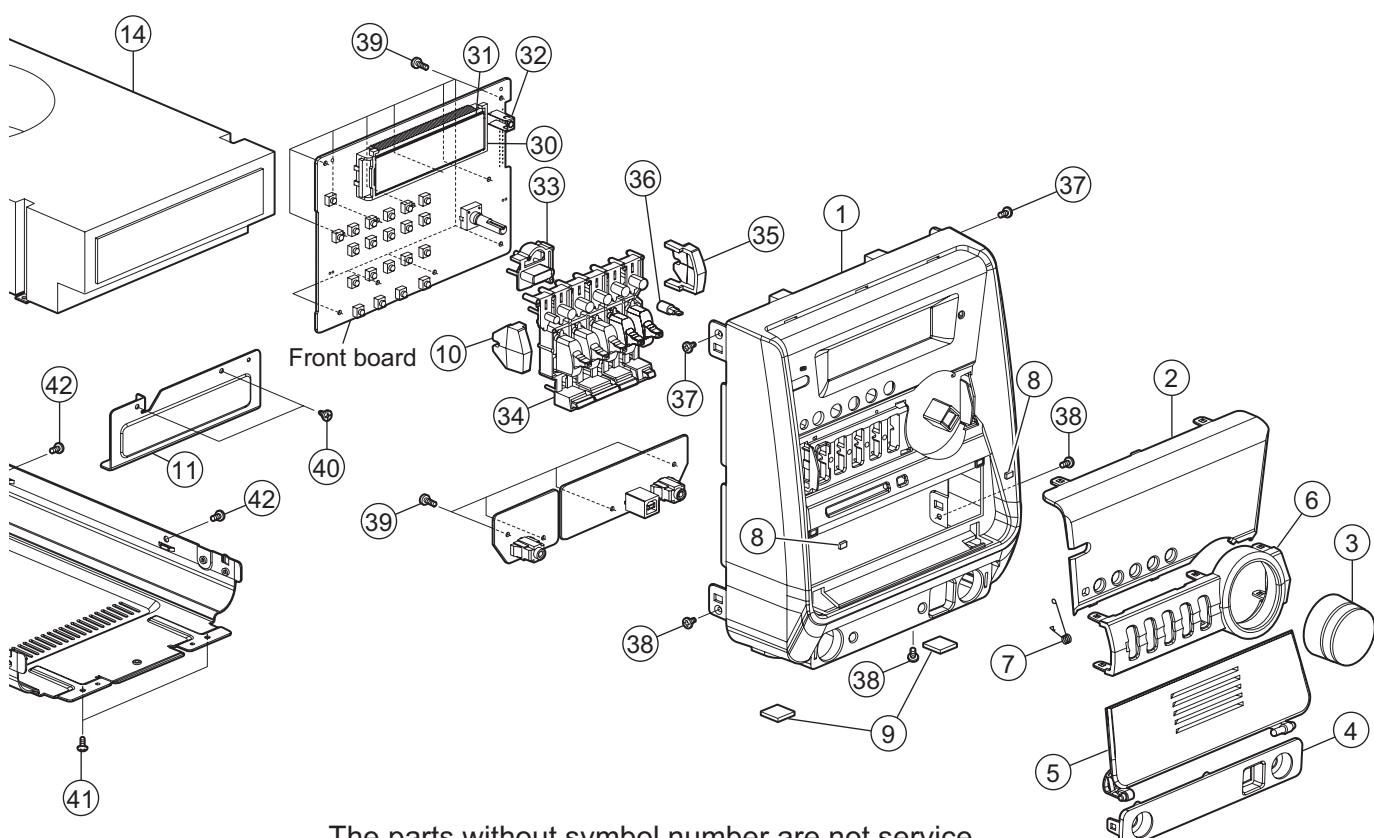
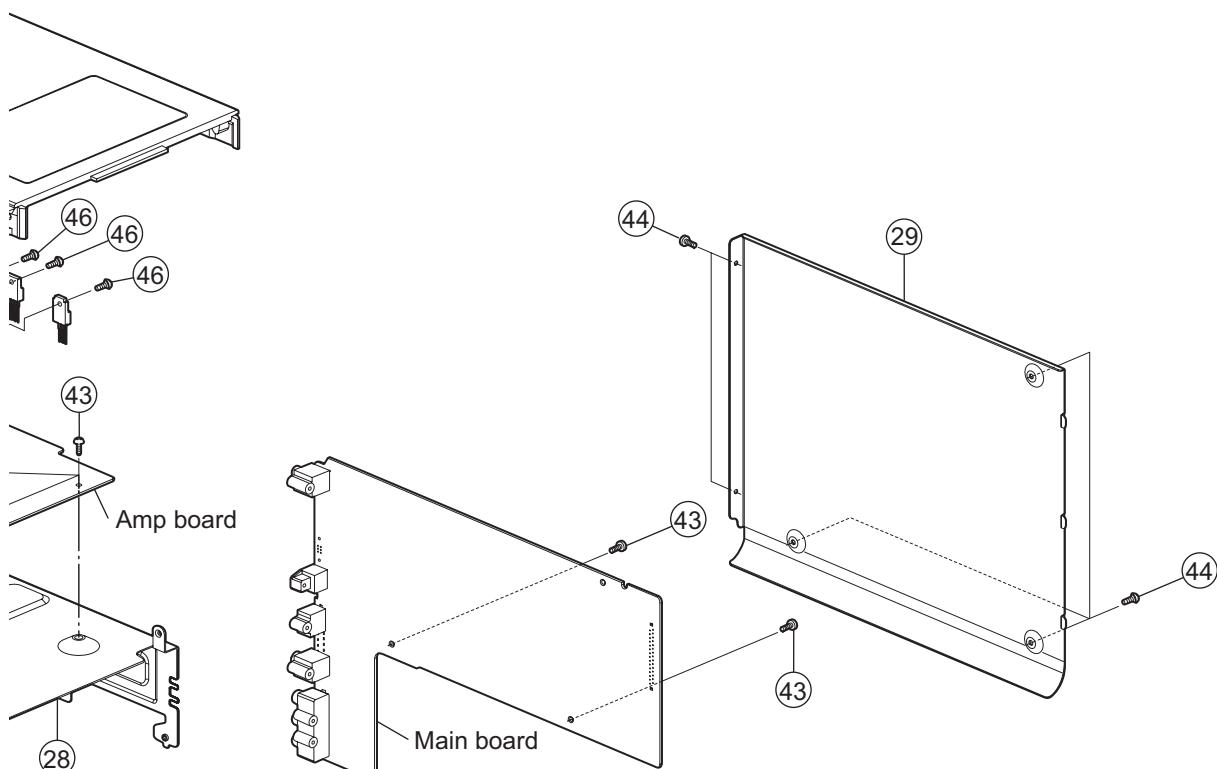
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Electrical parts list (Block No.01~05)	3- 5
Packing materials and accessories parts list (Block No.M3)	3-12

Exploded view of general assembly and parts list

Block No. M 1 M M





The parts without symbol number are not service.

General Assembly

Block No. [M][1][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	BI1080999101V1	FRONT CABINET	HIPS-8002 94V2	
	2	BI1081000101V1	WINDOW LENS	SAN-C-2495 94HB	
	3	BI1080800101V1	VOLUME KNOB	ABS-T700 94HB	
	4	BI1080920101V1	USB PANEL	HIPS-470 94HB	
	5	BI1080930101V1	DVD DOOR	HIPS-470 94HB	
	6	BI1080980101V1	DISC PANEL	ABS-T700 94HB	
	7	BI202917010101	DVD DOOR SPRING	SUS304	
	8	BI3021910101V1	RUBBER MAT	SILICON RUBBER(x2)	
	9	BI3021040101V1	RUBBER FOOT	EVA(x4)	
	10	BI1080960101V1	LED LENS L	PMMA-CP-51	
	11	BI2029130101W1	MECH FRONT HLDR	SECC T=1.0mm	
	12	BI2029100101W1	MAIN CHASSIS	SECC T=1.0mm	
	13	BI2029140101W1	MECH BACK HLDR	SECC T=1.0mm	
	14	BI253050001300V	5DVD LOADER		
△	15	BI211011134001	POWER TRANS	AC 230 TYPE	
	16	BI2029080101W1	SIDE PANEL L	SECC T=0.6mm	
	17	BI3021770101V1	CUSHION	NR	
	18	BI301789010101	BUSHING		
	19	BI1081649101X1	HEAT SINK COVER	PA-765A(+) 94V0	
	20	BI2400251V	FAN	DC 12V	
	21	BI2029600101W1	HEAT SINK HLDR	SECC T=1.0mm(x2)	
	22	BI2029110101W1	REAR PANEL	SECC T=0.8mm	
	23	BI25095401VV	TUNER PACK		
	24	BI202966010101	SCHEET	SILICON STEEL T=0.5mm	
	25	BI202959010101	HEAT SINK	AL	
	26	BI202958010101	HEAT SINK SMALL	AL	
	27	BI1080899101V1	TOP COVER	HIPS-8002 94V2	
	28	BI2029120101W1	MECH HOLDER	SECC T=0.8mm	
	29	BI2029090101W1	SIDE PANEL R	SECC T=0.6mm	
	30	BI1080870101V1	LCD HOLDER	ABS-T700 94HB	
	31	BI167020001001V	LCD	LD802 BLUE	
	32	BI202814010101	HOLDER SENSOR		
	33	BI1080970101V1	POWER BUTTON	ABS-T700 94HB	
	34	BI1081010101V1	FUNCTION BUTTON	ABS-T700 94HB	
	35	BI1080950101V1	LED LENS R	PMMA-CP-51	
	36	BI1080940101V1	LENS	PMMA-CP-51	
	37	BIKT000625P11	SCREW	3xL10(x2)	
	38	BIKT000606B3	SCREW	3xL6(x3)	
	39	BIBT000418	SCREW	2.6 XL8(x15)	
	40	BIBT000603P3	SCREW	3xL4(x6)	
	41	BIRT000605S3	SCREW	3xL5(x4)	
	42	BIBT000606B3W	SCREW	3xL6(x4)	
	43	BIRT000606B3W	SCREW	3xL6(x7)	
	44	BIRT000608B1W	SCREW	3xL8(x10)	
	45	BIRT000608B2W	SCREW	3xL8(x9)	
	46	BIRT000608B3W2	SCREW	3xL8(x23)	
	47	BIPMW001101S3	SCREW	4.0XL6 METAL(x4)	
	48	BIBT000654	SCREW	BT 3X16(x2)	
△	53	BI403081	FUSE	F901 1.25A 250V	B
△	54	BI1401441V	POWER CORD		E,EE,EN,EV
△	54	BI1401741X	POWER CORD		

Electrical parts list

Main board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
IC401	BD3881FV	IC	BI112721V		C414	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
IC402	NJM4558MD	IC	BI103311V		C415	BICE107100MP01	E CAPACITOR	100uF 10V	
IC403	NJM4558MD	IC	BI103311V		C416	BICE107160MP11	E CAPACITOR	100uF 16V	
IC404	NJM4558MD	IC	BI103311V		C417	BICE107160MP11	E CAPACITOR	100uF 16V	
IC501	MM1623XFBE	IC	BI117991V		C418	BICC222500KA04	C CAPACITOR	2200pF 50V	
IC550	NJM2233M	IC	BI117371X		C419	BICC222500KA04	C CAPACITOR	2200pF 50V	
IC601	MN101C49GBB	IC	BI119241V		C420	BICE226250MP01	E CAPACITOR	22uF 25V	
IC602	M24C02	IC	BI11731V		C421	BICE226250MP01	E CAPACITOR	22uF 25V	
IC701	BU1924F	IC	BI113131		C422	BICM124101KP01	M CAPACITOR	0.12uF 100V	
Q401	KTC3875	TRANSISTOR	BI2KTC3875YA014		C423	BICM124101KP01	M CAPACITOR	0.12uF 100V	
Q402	KTC3875	TRANSISTOR	BI2KTC3875YA014		C424	BICE107160MP11	E CAPACITOR	100uF 16V	
Q403	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011		C425	BICE107160MP11	E CAPACITOR	100uF 16V	
Q404	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011		C426	BICM124101KP01	M CAPACITOR	0.12uF 100V	
Q406	KTA1267GR	TRANSISTOR	BI2KTA1267GP000		C427	BICM124101KP01	M CAPACITOR	0.12uF 100V	
Q407	KTC3875	TRANSISTOR	BI2KTC3875YA014		C428	BICE475500MP11	E CAPACITOR	4.7uF 50V	
Q408	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011		C429	BICE475500MP11	E CAPACITOR	4.7uF 50V	
Q409	KTC3198GR	TRANSISTOR	BI2KTC3198GP00		C430	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
Q411	KTC3875	TRANSISTOR	BI2KTC3875YA014		C431	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
Q412	KTC3875	TRANSISTOR	BI2KTC3875YA014		C432	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q420	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008		C433	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q551	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018		C434	BICE475500MP01	E CAPACITOR	4.7uF 50V	
Q552	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018		C435	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q553	KRA107S	TRANSISTOR	BI2KRA107SA0000		C436	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q554	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018		C437	BICE226500MP01	E CAPACITOR	22uF 50V	
Q555	KTC3875	TRANSISTOR	BI2KTC3875YA014		C438	BICE226500MP01	E CAPACITOR	22uF 50V	
Q601	KTC3875	TRANSISTOR	BI2KTC3875YA014		C439	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q602	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011		C440	BICC102500JA04	C CAPACITOR	1000pF 50V	
Q604	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018		C441	BICC331500JA04	C CAPACITOR	330pF 50V	
Q611	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018		C442	BICC331500JA04	C CAPACITOR	330pF 50V	
Q612	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018		C443	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
Q613	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018		C444	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
Q614	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018		C445	BICC332500KA04	C CAPACITOR	3300pF 50V	
D401	UZ4.7BSA	Z DIODE	BI3UZ4.7BSAM000		C446	BICC332500KA04	C CAPACITOR	3300pF 50V	
D402	UZ4.7BSA	Z DIODE	BI3UZ4.7BSAM000		C447	BICE226500MP01	E CAPACITOR	22uF 50V	
D403	UZ9.1BSC	Z DIODE	BI3UZ91BSCM000V		C448	BICE226500MP01	E CAPACITOR	22uF 50V	
D404	UZ9.1BSC	Z DIODE	BI3UZ91BSCM000V		C449	BICE107100MP01	E CAPACITOR	100uF 10V	
D405	1SS133	FR DIODE	BI31SS133M000V7		C450	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
D406	1SS133	FR DIODE	BI31SS133M000V7		C451	BICC224250KA02	C CAPACITOR	0.22uF 25V	
D407	1SS133	FR DIODE	BI31SS133M000V7		C452	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
D408	UZ8.2BSB	Z DIODE	BI3UZ82BSBM000V		C453	BICE105500MP01	E CAPACITOR	1uF 50V	
D415	UZ6.8BSB	Z DIODE	BI3UZ6.8BSBM000		C454	BICC104500KA04	C CAPACITOR	0.1uF 50V	
D580	1SS133	FR DIODE	BI31SS133M000V7		C455	BICC103500KA04	C CAPACITOR	0.01uF 50V	
D581	1SS133	FR DIODE	BI31SS133M000V7		C456	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
D601	1N4002	DIODE	BI31N4002M000V3		C457	BICE334500MP11	E CAPACITOR	0.33uF 50V	
D602	1SS133	FR DIODE	BI31SS133M000V7		C459	BICC101500JA04	C CAPACITOR	100pF 50V	
D603	1SS133	FR DIODE	BI31SS133M000V7		C460	BICC102500JA04	C CAPACITOR	1000pF 50V	
D604	1SS133	FR DIODE	BI31SS133M000V7		C461	BICE476160MP01	E CAPACITOR	47uF 16V	
D605	UZ6.2BSB	Z DIODE	BI3UZ6.2BSBM000		C462	BICC223500KA04	C CAPACITOR	0.022uF 50V	
D615	UZ5.1BSB	Z DIODE	BI3UZ5.1BSBM000		C464	BICC101500JA04	C CAPACITOR	100pF 50V	
D620	1N4002	DIODE	BI31N4002M000V3		C465	BICC101500JA04	C CAPACITOR	100pF 50V	
C225	BICC153500KA04	C CAPACITOR	0.015uF 50V		C466	BICC101500JA04	C CAPACITOR	100pF 50V	
C226	BICC153500KA04	C CAPACITOR	0.015uF 50V		C467	BICC101500JA04	C CAPACITOR	100pF 50V	
C262	BICE225500MP01	E CAPACITOR	2.2uF 50V		C468	BICE107160MP01	E CAPACITOR	100uF 16V	
C263	BICE225500MP01	E CAPACITOR	2.2uF 50V		C469	BICH103500KM01	C CAPACITOR	0.01uF 50V	
C307	BICE476250MP01	E CAPACITOR	47uF 25V		C470	BICC101500JA04	C CAPACITOR	100pF 50V	
C308	BICE476250MP01	E CAPACITOR	47uF 25V		C471	BICE107100MP01	E CAPACITOR	100uF 10V	
C401	BICC822500KA04	C CAPACITOR	8200pF 50V		C472	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C402	BICC822500KA04	C CAPACITOR	8200pF 50V		C480	BICE475500MP11	E CAPACITOR	4.7uF 50V	
C403	BICE475500MP01	E CAPACITOR	4.7uF 50V		C507	BICE477063MP01	E CAPACITOR	470uF 6.3V	
C404	BICE475500MP01	E CAPACITOR	4.7uF 50V		C508	BICC181500JA04	C CAPACITOR	180pF 50V	
C405	BICE104500MP01	E CAPACITOR	0.1uF 50V		C509	BICE477063MP01	E CAPACITOR	470uF 6.3V	
C406	BICE104500MP01	E CAPACITOR	0.1uF 50V		C510	BICC181500JA04	C CAPACITOR	180pF 50V	
C407	BICC683160KA04	C CAPACITOR	0.068uF 16V		C511	BICE477063MP01	E CAPACITOR	470uF 6.3V	
C408	BICC683160KA04	C CAPACITOR	0.068uF 16V		C512	BICC181500JA04	C CAPACITOR	180pF 50V	
C409	BICE474500MP01	E CAPACITOR	0.47uF 50V		C513	BICH103500KM01	C CAPACITOR	0.01uF 50V	
C410	BICE474500MP01	E CAPACITOR	0.47uF 50V		C514	BICE476160MP01	E CAPACITOR	47uF 16V	
C411	BICC101500JA04	C CAPACITOR	100pF 50V		C515	BICE105500MP01	E CAPACITOR	1uF 50V	
C412	BICC104500ZA04	C CAPACITOR	0.1uF 50V		C516	BICE105500MP01	E CAPACITOR	1uF 50V	
C413	BICE227100MP01	E CAPACITOR	220uF 10V		C517	BICE105500MP01	E CAPACITOR	1uF 50V	
					C518	BICE107100MP01	E CAPACITOR	100uF 10V	
					C519	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
					C520	BICC104500KA04	C CAPACITOR	0.1uF 50V	
					C550	BICE476160MP01	E CAPACITOR	47uF 16V	
					C551	BICC104500KA04	C CAPACITOR	0.1uF 50V	
					C552	BICE105500MP01	E CAPACITOR	1uF 50V	
					C553	BICC103500KA04	C CAPACITOR	0.01uF 50V	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C554	BICE477063MP01	E CAPACITOR	470uF 6.3V		R435	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
C555	BICC330500JA04	C CAPACITOR	33pF 50V		R436	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
C556	BICE477063MP01	E CAPACITOR	470uF 6.3V		R437	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
C557	BICC330500JA04	C CAPACITOR	33pF 50V		R438	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
C558	BICE477063MP01	E CAPACITOR	470uF 6.3V		R439	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C559	BICC330500JA04	C CAPACITOR	33pF 50V		R440	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C560	BICE477063MP01	E CAPACITOR	470uF 6.3V		R441	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
C561	BICC330500JA04	C CAPACITOR	33pF 50V		R442	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
C562	BICE108063MP01	E CAPACITOR	1000uF 6.3V		R443	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C565	BICE108063MP01	E CAPACITOR	1000uF 6.3V		R445	BIRC1230105A00	C RESISTOR	12KΩ 1/10W	
C601	BICE107100MP01	E CAPACITOR	100uF 10V		R446	BIRC1230105A00	C RESISTOR	12KΩ 1/10W	
C602	BICE475500MP01	E CAPACITOR	4.7uF 50V		R447	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C603	BICE225500MP01	E CAPACITOR	2.2uf 50V		R448	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C604	BICE108100MP01	E CAPACITOR	1000uF 10V		R449	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
C605	BICC104500ZA04	C CAPACITOR	0.1uF 50V		R450	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
C606	BICC104500ZA04	C CAPACITOR	0.1uF 50V		R451	BIRC8220105A00	C RESISTOR	8.2KΩ 1/10W	
C607	BICE107100MP01	E CAPACITOR	100uF 10V		R452	BIRC8220105A00	C RESISTOR	8.2KΩ 1/10W	
C608	BICC103500KA04	C CAPACITOR	0.01uF 50V		R453	BIRC8210105A00	C RESISTOR	820Ω 1/10W	
C609	BICC200500JA04	C CAPACITOR	20pF 50V		R454	BIRC8210105A00	C RESISTOR	820Ω 1/10W	
C610	BICC270500JA04	C CAPACITOR	27pF 50V		R455	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
C612	BICC101500JA04	C CAPACITOR	100pF 50V		R456	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
C613	BICC101500JA04	C CAPACITOR	100pF 50V		R457	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
C614	BICH104500KM01	C CAPACITOR	0.1uF 50V		R458	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
C615	BICH104500KM01	C CAPACITOR	0.1uF 50V		R459	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
C616	BICC331500JA04	C CAPACITOR	330pF 50V		R460	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
C711	BICC101500JA04	C CAPACITOR	100pF 50V		R461	BIRC3310105A00	C RESISTOR	330Ω 1/10W	
C712	BICC102500JA04	C CAPACITOR	1000pF 50V		R462	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
C720	BICC224250KA02	C CAPACITOR	0.22uF 25V		R463	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
C750	BICE225500MP01	E CAPACITOR	2.2uF 50V		R465	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C751	BICC271500JA04	C CAPACITOR	270pF 50V		R466	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W	
C752	BICE225500MP01	E CAPACITOR	2.2uF 50V		R467	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
C753	BICC561500KA04	C CAPACITOR	560pF 50V		R468	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
C754	BICE225500MP01	E CAPACITOR	2.2uF 50V		R469	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
C755	BICC330500JA04	C CAPACITOR	33pF 50V		R470	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C756	BICC330500JA04	C CAPACITOR	33pF 50V		R471	BIRC1820105A00	C RESISTOR	1.8KΩ 1/10W	
C757	BICC101500JA04	C CAPACITOR	100pF 50V		R472	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W	
C758	BICC101500JA04	C CAPACITOR	100pF 50V		R473	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R301	BIRC1830105A00	C RESISTOR	18KΩ 1/10W		R474	BIRC5610105A00	C RESISTOR	560Ω 1/10W	
R302	BIRC1830105A00	C RESISTOR	18KΩ 1/10W		R475	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
R303	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		R476	BIRC4730105A00	C RESISTOR	47KΩ 1/10W	
R304	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		R478	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R309	BIRC0000105A00	C RESISTOR	0Ω 1/10W		R479	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R371	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		R481	BIRC330045M00	C RESISTOR	33Ω 1/4W	
R372	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		R482	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R400	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W		R483	BIRC1000105A00	C RESISTOR	10Ω 1/10W	
R401	BIRC5630105A00	C RESISTOR	56KΩ 1/10W		R484	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R402	BIRC5630105A00	C RESISTOR	56KΩ 1/10W		R485	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R403	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		R486	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R404	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		R487	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R405	BIRC6830105A00	C RESISTOR	68KΩ 1/10W		R488	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
R406	BIRC6830105A00	C RESISTOR	68KΩ 1/10W		R489	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R407	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R490	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R408	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R491	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R409	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R492	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R410	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W		R493	BIRC2240105A00	C RESISTOR	220KΩ 1/10W	
R411	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W		R494	BIRC2240105A00	C RESISTOR	220KΩ 1/10W	
R412	BIRC2240105A00	C RESISTOR	220KΩ 1/10W		R495	BIRC3330085M00	C RESISTOR	33KΩ 1/8W	
R413	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		R496	BIRC2730085N00	C RESISTOR	27KΩ 1/8W	
R414	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R497	BIRC2730085N00	C RESISTOR	27KΩ 1/8W	
R415	BIRC4710045N00	C RESISTOR	470Ω 1/4W		R498	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R416	BIRC4710045N00	C RESISTOR	470Ω 1/4W		R499	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R417	BIRC8200045M00	C RESISTOR	82Ω 1/4W		R507	BIRC7500105A00	C RESISTOR	75Ω 1/10W	
R418	BIRC8200045M00	C RESISTOR	82Ω 1/4W		R508	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R419	BIRC1530105A00	C RESISTOR	15KΩ 1/10W		R509	BIRC7500105A00	C RESISTOR	75Ω 1/10W	
R420	BIRC1530105A00	C RESISTOR	15KΩ 1/10W		R510	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R421	BIRC8210105A00	C RESISTOR	820Ω 1/10W		R511	BIRC7500105A00	C RESISTOR	75Ω 1/10W	
R422	BIRC8210105A00	C RESISTOR	820Ω 1/10W		R512	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R425	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		R513	BIRC2210105A00	C RESISTOR	220Ω 1/10W	
R426	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		R514	BIRC3020105A00	C RESISTOR	3KΩ 1/10W	
R427	BIRC1220085M00	C RESISTOR	1.2KΩ 1/8W		R515	BIRC3020105A00	C RESISTOR	3KΩ 1/10W	
R428	BIRC1220085M00	C RESISTOR	1.2KΩ 1/8W		R516	BIRC2210105A00	C RESISTOR	220Ω 1/10W	
R429	BIRC4720085N00	C RESISTOR	4.7KΩ 1/8W		R517	BIRC3020105A00	C RESISTOR	3KΩ 1/10W	
R430	BIRC4720085N00	C RESISTOR	4.7KΩ 1/8W		R518	BIRC2210105A00	C RESISTOR	220Ω 1/10W	
R431	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R519	BIRC1210105A00	C RESISTOR	120Ω 1/10W	
R432	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R520	BIRC6810105A00	C RESISTOR	680Ω 1/10W	
R433	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R521	BIRC6810105A00	C RESISTOR	680Ω 1/10W	
R434	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		R522	BIRC1210105A00	C RESISTOR	120Ω 1/10W	
					R541	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R542	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		R677	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R543	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		R678	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R544	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		R679	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R551	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R680	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R552	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R681	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R553	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R682	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R554	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R683	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R555	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R684	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R556	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R686	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R557	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R687	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R558	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R688	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R559	BIRC1010105A00	C RESISTOR	100Ω 1/10W		R689	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R560	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R690	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R561	BIRC7500105A00	C RESISTOR	75Ω 1/10W		R691	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R562	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		R692	BIRC2220085N00	C RESISTOR	2.2KΩ 1/8W	
R563	BIRC8210105A00	C RESISTOR	820Ω 1/10W		R693	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R564	BIRC1230105A00	C RESISTOR	12KΩ 1/10W		R694	BIRC2210105A00	C RESISTOR	220Ω 1/10W	
R565	BIRC1020085N00	C RESISTOR	1KΩ 1/8W		R695	BIRC4710105A00	C RESISTOR	47Ω 1/10W	
R566	BIRC0100045N00	C RESISTOR	1Ω 1/4W		R696	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W	
R567	BIRC1810105A00	C RESISTOR	180Ω 1/10W		R697	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R568	BIRC1030085M00	C RESISTOR	10KΩ 1/8W J		R702	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R580	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R705	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R581	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R706	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R602	BIRC3330105A00	C RESISTOR	33KΩ 1/10W		R707	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R603	BIRC4730105A00	C RESISTOR	47KΩ 1/10W		R708	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
R604	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R709	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R605	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		R710	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R606	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R711	BIRC2220085N00	C RESISTOR	2.2KΩ 1/8W	
R607	BIRC3310105A00	C RESISTOR	330Ω 1/10W		R712	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R610	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		R721	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R612	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R722	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R613	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		R723	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R614	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		R724	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R615	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		L401	BI18A843556N00	FILTER BEAD	843556	
R616	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		L402	BI18A843556N00	FILTER BEAD	843556	
R617	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		L403	BI18A843556N00	FILTER BEAD	843556	
R618	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W		L404	BI18A843556N00	FILTER BEAD	843556	
R620	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W		L405	BI18A843556N00	FILTER BEAD	843556	
R621	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		L406	BI18A843556N00	FILTER BEAD	843556	
R622	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W		L420	BI18A843556N00	FILTER BEAD	843556	
R623	BIRC2220085N00	C RESISTOR	2.2KΩ 1/8W		L501	BI18A843556N00	FILTER BEAD	843556	
R624	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		L601	BI261010000KN00	FIXED INDUCTOR	100uH	
R625	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		L602	BI18A843556N00	FILTER BEAD	843556	
R626	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		L603	BI18A843556N00	FILTER BEAD	843556	
R627	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		L610	BI26100000KN00	FIXED INDUCTOR	10uH	
R628	BIRC1030085M00	C RESISTOR	10KΩ 1/8W J		CLP600	BI11A050M0Y	BLACK WIRE	50mm UL1007	
R634	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		CN401	BI12S110020V	FFC CONNECTOR	11P	
R636	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		CN402	BI12S70023V	CONNECTOR	7P	
R637	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		CN403	BI12S80058V	SOCKET	8P	
R638	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		CN404	BI12S150028V	SOCKET	15P	
R639	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		CN405	BI12S80058V	SOCKET	8P	
R640	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		CN501	BI12S280006V	SOCKET	28P	
R641	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		CN502	BI12S100043V	SOCKET	10P	
R642	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		CN601	BI12S200011V	CONNECTOR	20P	
R643	BIRC1230105A00	C RESISTOR	12KΩ 1/10W		CW201	BI12P40294V	CONNECTOR ASSY		
R644	BIRC1230105A00	C RESISTOR	12KΩ 1/10W		JK201	BI23F0721V	SPK TERMINAL		
R645	BIRC1230105A00	C RESISTOR	12KΩ 1/10W		JK401	BI2301491V	OPT TRANSMITTER	PLT13	
R646	BIRC1230105A00	C RESISTOR	12KΩ 1/10W		JK402	BI23B1641V	RCA JACK BLACK	RCA JACK BLACK	
R647	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		JK503	BI23B1751X	RCA JACK	3PIN	
R648	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JK504	BI2301372V	RGB CONNECTOR	MRC-0	
R649	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR302	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R650	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		JR401	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R651	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR403	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R652	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR404	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R654	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR406	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R661	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR475	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R662	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR476	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R663	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR501	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R664	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR502	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R665	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR503	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R667	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR504	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R668	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR505	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R669	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR550	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R670	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR602	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R671	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR603	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R672	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR604	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R673	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR611	BIRC0000105A00	C RESISTOR	0Ω 1/10W	

△ Symbol No.	Part No.	Part Name	Description	Local
JR701	BIRC0000105A00	C RESISTOR	0Ω 1/10W 2P2T	
S601	BI804841V	SLIDE	SSAF122NA011	
X601	BI2102691V	CRYSTAL	8MHz	
X701	BI2101503	CRYSTAL	4.33MHz	

Front board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
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IC801	PT6524	IC	BI118101V	
IC802	RPMT138-4	IC	BI115291V	
IC861	PCM2704DB	IC	BI118061X	
Q801	KRC107S	TRANSISTOR	BI2KRC107SA019V	
Q802	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018	
Q803	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018	
Q804	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018	
Q805	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018	
Q822	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q823	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q824	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q825	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q865	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018	
D801	1N4002	DIODE	BI31N4002M000V3	
D861	1SS133	FR DIODE	BI31SS133M000V7	
D880	MTZJ3.3B	Z DIODE	BI3MTZJ33BM000V	
D881	1SS133	FR DIODE	BI31SS133M000V7	
D882	1SS133	FR DIODE	BI31SS133M000V7	
D885	1SS133	FR DIODE	BI31SS133M000V7	
D886	1SS133	FR DIODE	BI31SS133M000V7	
D891	1SS133	FR DIODE	BI31SS133M000V7	
D892	1SS133	FR DIODE	BI31SS133M000V7	
C761	BICC102500JA04	C CAPACITOR	1000pF 50V	
C762	BICC102500JA04	C CAPACITOR	1000pF 50V	
C763	BICC102500JA04	C CAPACITOR	1000pF 50V	
C764	BICC102500JA04	C CAPACITOR	1000pF 50V	
C765	BICC102500JA04	C CAPACITOR	1000pF 50V	
C766	BICC102500JA04	C CAPACITOR	1000pF 50V	
C767	BICC102500JA04	C CAPACITOR	1000pF 50V	
C768	BICC102500JA04	C CAPACITOR	1000pF 50V	
C769	BICC102500JA04	C CAPACITOR	1000pF 50V	
C770	BICC102500JA04	C CAPACITOR	1000pF 50V	
C771	BICC102500JA04	C CAPACITOR	1000pF 50V	
C772	BICC102500JA04	C CAPACITOR	1000pF 50V	
C773	BICC102500JA04	C CAPACITOR	1000pF 50V	
C774	BICC102500JA04	C CAPACITOR	1000pF 50V	
C775	BICC102500JA04	C CAPACITOR	1000pF 50V	
C776	BICC102500JA04	C CAPACITOR	1000pF 50V	
C777	BICC102500JA04	C CAPACITOR	1000pF 50V	
C778	BICC102500JA04	C CAPACITOR	1000pF 50V	
C779	BICC102500JA04	C CAPACITOR	1000pF 50V	
C780	BICC102500JA04	C CAPACITOR	1000pF 50V	
C781	BICC102500JA04	C CAPACITOR	1000pF 50V	
C782	BICC102500JA04	C CAPACITOR	1000pF 50V	
C783	BICC102500JA04	C CAPACITOR	1000pF 50V	
C784	BICC102500JA04	C CAPACITOR	1000pF 50V	
C785	BICC102500JA04	C CAPACITOR	1000pF 50V	
C786	BICC102500JA04	C CAPACITOR	1000pF 50V	
C787	BICC102500JA04	C CAPACITOR	1000pF 50V	
C788	BICC102500JA04	C CAPACITOR	1000pF 50V	
C789	BICC102500JA04	C CAPACITOR	1000pF 50V	
C790	BICC102500JA04	C CAPACITOR	1000pF 50V	
C791	BICC102500JA04	C CAPACITOR	1000pF 50V	
C792	BICC102500JA04	C CAPACITOR	1000pF 50V	
C793	BICC102500JA04	C CAPACITOR	1000pF 50V	
C794	BICC102500JA04	C CAPACITOR	1000pF 50V	
C795	BICC102500JA04	C CAPACITOR	1000pF 50V	
C801	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C802	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C803	BICE107160MP01	E CAPACITOR	100uF 16V	

△ Symbol No.	Part No.	Part Name	Description	Local
C804	BICC102500JA04	C CAPACITOR	1000pF 50V	
C805	BICC472500KA04	C CAPACITOR	4700pF 50V	
C806	BICC472500KA04	C CAPACITOR	4700pF 50V	
C825	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C841	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C850	BICC101500JA04	C CAPACITOR	100pF 50V	
C851	BICE107160MP01	E CAPACITOR	100uF 16V	
C853	BICC473500KA04	C CAPACITOR	0.047uF 50V	
C854	BICC473500KA04	C CAPACITOR	0.047uF 50V	
C856	BICE476250MP01	E CAPACITOR	47uF 25V	
C857	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C861	BICC102500JA04	C CAPACITOR	1000pF 50V	
C862	BICC102500JA04	C CAPACITOR	1000pF 50V	
C863	BICC102500JA04	C CAPACITOR	1000pF 50V	
C864	BICC102500JA04	C CAPACITOR	1000pF 50V	
C865	BICE107100MP01	E CAPACITOR	100uF 10V	
C866	BICE107100MP01	E CAPACITOR	100uF 10V	
C867	BICC223500KA04	C CAPACITOR	0.022uF 50V	
C868	BICC223500KA04	C CAPACITOR	0.022uF 50V	
C869	BICC105160ZA02	C CAPACITOR	1uF 16V	
C870	BICE476160MP01	E CAPACITOR	47uF 16V	
C871	BICC105160ZA02	C CAPACITOR	1uF 16V	
C873	BICC220500JA04	C CAPACITOR	22pF 50V	
C874	BICC220500JA04	C CAPACITOR	22pF 50V	
C875	BICC105160ZA02	C CAPACITOR	1uF 16V	
C876	BICC105160ZA02	C CAPACITOR	1uF 16V	
C877	BICC105160ZA02	C CAPACITOR	1uF 16V	
C878	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C879	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C881	BICC101500JA04	C CAPACITOR	100pF 50V	
C882	BICC101500JA04	C CAPACITOR	100pF 50V	
C883	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C891	BICC102500JA04	C CAPACITOR	1000pF 50V	
C892	BICC102500JA04	C CAPACITOR	1000pF 50V	
C893	BICC104500KA04	C CAPACITOR	0.1uF 50V	
R801	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R802	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R803	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R804	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
R805	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R806	BIRC2720105A00	C RESISTOR	2.7KΩ 1/10W	
R807	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
R808	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R811	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R812	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R813	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R814	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
R815	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R816	BIRC2720105A00	C RESISTOR	2.7KΩ 1/10W	
R817	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
R818	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R819	BIRC4710045M00	C RESISTOR	470Ω 1/4W	
R821	BIRC3300085M00	C RESISTOR	33Ω 1/8W	
R822	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R823	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R824	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R825	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R826	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R827	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R828	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R829	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R830	BIRC1820085M00	C RESISTOR	1.8KΩ 1/8W	
R831	BIRC1520085M00	C RESISTOR	1.5KΩ 1/8W	
R833	BIRC1220085M00	C RESISTOR	1.2KΩ 1/8W	
R840	BIRC6810045M00	C RESISTOR	680Ω 1/4W	
R841	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R842	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R843	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
R844	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R845	BIRC2720105A00	C RESISTOR	2.7KΩ 1/10W	
R846	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
R847	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R848	BIRC1030085M00	C RESISTOR	10KΩ 1/8W J	
R849	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R850	BIRC2740105A00	C RESISTOR	270KΩ 1/10W	

△ Symbol No.	Part No.	Part Name	Description	Local
R853	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R854	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R855	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R856	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R857	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R858	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R861	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R862	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R863	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R864	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R865	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R866	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R868	BIRC1800105A00	C RESISTOR	18Ω 1/10W	
R869	BIRC1800105A00	C RESISTOR	18Ω 1/10W	
R870	BIRC3310105A00	C RESISTOR	330Ω 1/10W	
R871	BIRC3310105A00	C RESISTOR	330Ω 1/10W	
R872	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R873	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R874	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
R875	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R876	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R877	BIRC1520105A00	C RESISTOR	1.5KΩ 1/10W	
R878	BIRC2200105A00	C RESISTOR	22Ω 1/10W	
R879	BIRC2200105A00	C RESISTOR	22Ω 1/10W	
R880	BIRC1050105A00	C RESISTOR	1MΩ 1/10W	
R888	BIRC2200085M00	C RESISTOR	22Ω 1/8W	
R890	BIRC7500085M00	C RESISTOR	75Ω 1/8W	
R891	BIRC6800105A00	C RESISTOR	68Ω 1/10W	
R892	BIRC6800105A00	C RESISTOR	68Ω 1/10W	
R893	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R896	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R897	BIRC8200105A00	C RESISTOR	82Ω 1/10W	
R898	BIRC8200105A00	C RESISTOR	82Ω 1/10W	
R899	BIRC4700105A00	C RESISTOR	47Ω 1/10W	
VR801	BI804401V	ROTARY SW	RE012307PVB30	
L871	BI18A843556N000	FILTER BEAD	843556	
L873	BI18ABLM21AA0	FERRITE BEAD	600Ω	
L874	BI18ABLM21AA0	FERRITE BEAD	600Ω	
L875	BI18A843556N000	FILTER BEAD	843556	
L881	BI18ABLM21AA0	FERRITE BEAD	600Ω	
L882	BI18ABLM21AA0	FERRITE BEAD	600Ω	
L883	BI18ABLM21AA0	FERRITE BEAD	600Ω	
L891	BI18A843556N000	FILTER BEAD	843556	
CN801	BI12S200012V	CONNECTOR	20P	
CW861	BI12P70097V	CONNECTOR ASSY	7P	
CW891	BI12P402341V	CONNECTOR WIRE	4P	
JK861	BI23B0293V	HEADPHONE JACK	PJ-310HB	
JK891	BI23B0293V	HEADPHONE JACK	PJ-310HB	
JR801	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
JR861	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
JR863	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
LCD801	BI2702181V	LCD DISPLAY	TCM-4216	
LD801	BI28B4541EP011V	LED	BL-B4541-AV-TBS2	
LD804	BI2801181V	LED		
LD805	BI2801181V	LED		
S801	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S802	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S803	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S804	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S805	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S806	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S807	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S811	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S812	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S813	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S814	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S815	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S816	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S817	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S821	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S822	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S823	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S824	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S825	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S826	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	
S827	BI8EVQ11G05P01	TOUCH SWITCH	EVQ11G	

△ Symbol No.	Part No.	Part Name	Description	Local
W865	BI11AT120B0V	WIRE		
X861	BI2102391V	CRYSTAL	12MHz	
AMP board				
Block No. [0][3]				
△ Symbol No.	Part No.	Part Name	Description	Local
IC101	KIA7812API	IC	BI110841V	
IC102	7912	IC	BI113051V	
IC103	KIA7809API	IC	BI111971V	
IC104	KIA7809AP	IC	BI118361V	
IC105	AMS1117-3.3	IC	BI11501V	
IC201	STK403-090-E	IC	BI118401V	
Q101	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q103	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q111	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q112	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q161	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q162	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q201	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q221	2SA1235F	TRANSISTOR	BI2SA1235FA012V	
Q222	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q223	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q224	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q225	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q226	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q227	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q228	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q229	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q230	DTC143TKA	TRANSISTOR	BI2DTC143TKA018	
Q231	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q233	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q234	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q235	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q291	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q292	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
D101	1N4002	DIODE	BI31N4002M000V3	
D102	1SS133	FR DIODE	BI31SS133M000V7	
D105	1SS133	FR DIODE	BI31SS133M000V7	
D106	1SS133	FR DIODE	BI31SS133M000V7	
D107	1SS133	FR DIODE	BI31SS133M000V7	
D130	1N4002	DIODE	BI31N4002M000V3	
D135	1SS133	FR DIODE	BI31SS133M000V7	
D141	UZ5.1BSB	Z DIODE	BI3UZ5.1BSBM000	
D142	1SS133	FR DIODE	BI31SS133M000V7	
D161	1SS133	FR DIODE	BI31SS133M000V7	
D162	1SS133	FR DIODE	BI31SS133M000V7	
D163	1SS133	FR DIODE	BI31SS133M000V7	
D170	1SS133	FR DIODE	BI31SS133M000V7	
D209	1SS133	FR DIODE	BI31SS133M000V7	
D210	1SS133	FR DIODE	BI31SS133M000V7	
D213	1SS133	FR DIODE	BI31SS133M000V7	
D214	1SS133	FR DIODE	BI31SS133M000V7	
D215	1SS133	FR DIODE	BI31SS133M000V7	
D216	1SS133	FR DIODE	BI31SS133M000V7	
D218	1SS133	FR DIODE	BI31SS133M000V7	
D219	1SS133	FR DIODE	BI31SS133M000V7	
D220	1SS133	FR DIODE	BI31SS133M000V7	
D226	1N4002	DIODE	BI31N4002M000V3	
D291	1SS133	FR DIODE	BI31SS133M000V7	
D292	AMS1117-3.3	IC	BI111501V	
C105	BICE477250MP01	E CAPACITOR	470uF 25V	
C106	BICE107250MP01	E CAPACITOR	100uF 25V	
C107	BIC104500ZA04	C CAPACITOR	0.1uF 50V	
C108	BIC104500ZA04	C CAPACITOR	0.1uF 50V	
C109	BICE108160MP01	E CAPACITOR	1000uF 16V	
C110	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C111	BICE22816M1Y	E CAPACITOR	2200uF 10V	
C112	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C113	BICE22816M1Y	E CAPACITOR	2200uF 10V	

Power trans board

Block No. [0][4]

△ Symbol No.	Part No.	Part Name	Description	Local
IC901	UA7805C	IC	BI117381V	
Q901	2SC1815	TRANSISTOR	BI2SC1815GRP000	
Q902	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q921	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q922	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q950	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q951	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q952	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q953	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q954	KTA1266GR	TRANSISTOR	BI2KTA1266GP000	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
D901	1N4002	DIODE	BI31N4002M000V3		△ CN905	BI12S80060V	CONNECTOR	8P	
D902	1N4002	DIODE	BI31N4002M000V3		CN906	BI12S120051V	CONNECTOR	12P	
D903	1N4002	DIODE	BI31N4002M000V3		CN907	BI12S150025V	CONNECTOR	15P	
D904	1N4002	DIODE	BI31N4002M000V3		△ PR902	BI47001125N000	FUSE PROTECTOR	7A 125V	
D905	1N4002	DIODE	BI31N4002M000V3		△ PR903	BI47001125N000	FUSE PROTECTOR	7A 125V	
D906	UZ3.6BSB	Z DIODE	BI3UZ3.6BSBM000		△ PT901	BI211011092001	POWER TRANS	230V	
D907	1N4002	DIODE	BI31N4002M000V3		△ RY901	BI8RL00171V	RELAY	DC9V 250mW KTC3199GR	
D921	1SS133	FR DIODE	BI31SS133M000V7						
D930	1N5402	DIODE	BI31N5402GW1V						
D931	1N5402	DIODE	BI31N5402GW1V						
D932	1N5402	DIODE	BI31N5402GW1V						
D933	1N5402	DIODE	BI31N5402GW1V						
D934	1N5402	DIODE	BI31N5402GW1V						
D935	1N5402	DIODE	BI31N5402GW1V						
D936	1N5402	DIODE	BI31N5402GW1V						
D937	1N5402	DIODE	BI31N5402GW1V						
D938	RS402M	SELEN RECTIFIER	BI3RS402M1						
D951	1SS133	FR DIODE	BI31SS133M000V7						
D952	1SS133	FR DIODE	BI31SS133M000V7						
D953	1SS133	FR DIODE	BI31SS133M000V7						
D954	1SS133	FR DIODE	BI31SS133M000V7						
D955	1SS133	FR DIODE	BI31SS133M000V7						
D956	1SS133	FR DIODE	BI31SS133M000V7						
C901	BICH472500KM01	C CAPACITOR	4700pF 50V		XXXXX	BI1206691Y	FFC CABLE	28P for MAIN CN501 to DVD	
C902	BICE108250MP01	E CAPACITOR	1000uF 25V		XXXXX	BI1206701Y	FFC CABLE	10P for MAIN CN502 to DVD	
C903	BICH104500KM01	C CAPACITOR	0.1uF 50V		XXXXX	BI1206901Y	FFC CABLE	11P for MAIN CN401 to Tuner	
C904	BICE107100MP01	E CAPACITOR	100uF 10V		XXXXX	BI1206971Y	FFC CABLE	20P for MAIN CN601 to FRONT CN801	
C905	BICH103500KM01	C CAPACITOR	0.01uF 50V						
C906	BICE106500MP01	E CAPACITOR	10uF 50V						
C920	BICE107250MP01	E CAPACITOR	100uF 25V						
C931	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C932	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C933	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C934	BICE47825M6Y1	E CAPACITOR	4700uF 25V						
C935	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C936	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C937	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C938	BICE108250MP01	E CAPACITOR	1000uF 25V						
C939	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C940	BICE22835MSNY1	E CAPACITOR	2200uF 35V						
C941	BICH104500KM01	C CAPACITOR	0.1uF 50V						
C942	BCM682101JP01	M CAPACITOR	6800pF 100V						
C943	BCM682101JP01	M CAPACITOR	6800pF 100V						
C944	BICE33856M1Y	E CAPACITOR	3300uF 56V						
C945	BICE33856M1Y	E CAPACITOR	3300uF 56V						
C946	BCM682101JP01	M CAPACITOR	6800pF 100V						
C947	BCM682101JP01	M CAPACITOR	6800pF 100V						
C950	BICE475500MP01	E CAPACITOR	4.7uF 50V						
C951	BICE475500MP01	E CAPACITOR	4.7uF 50V						
R901	BIRC1220085M00	C RESISTOR	1.2KΩ 1/8W						
R902	BIRC4720085M00	C RESISTOR	4.7KΩ 1/8W J C						
R904	BIRC1000085M00	C RESISTOR	10Ω 1/8W						
R906	BIRC1810085M00	C RESISTOR	180Ω 1/8W						
R907	BIRC1820085M00	C RESISTOR	1.8KΩ 1/8W						
R908	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W						
R920	BIRC2230085M00	C RESISTOR	22KΩ 1/8W						
R921	BIRC2230085M00	C RESISTOR	22KΩ 1/8W						
R922	BIRC2230085M00	C RESISTOR	22KΩ 1/8W						
R923	BIRC2230085M00	C RESISTOR	22KΩ 1/8W						
R924	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W						
R925	BIRC4710085M00	C RESISTOR	470Ω 1/8W						
R950	BIRC3930085M00	C RESISTOR	39KΩ 1/8W						
R951	BIRC3930085M00	C RESISTOR	39KΩ 1/8W						
R952	BIRC1030085M00	C RESISTOR	10KΩ 1/8W J						
R953	BIRC3930085M00	C RESISTOR	39KΩ 1/8W						
R954	BIRC3930085M00	C RESISTOR	39KΩ 1/8W						
R955	BIRC3930085M00	C RESISTOR	39KΩ 1/8W						
R956	BIRC2230085M00	C RESISTOR	22KΩ 1/8W						
R957	BIRC4730085M00	C RESISTOR	47KΩ 1/8W						
R958	BIRC2730085M00	C RESISTOR	27KΩ 1/8W J C						
△ L901	BI2601102V	LINE FILTER	WIRE						
△ CN901	BI12S200691V	CONNECTOR	2P						
△ CN902	BI12S200691V	CONNECTOR	2P						

Wiring

Block No. [0][5]

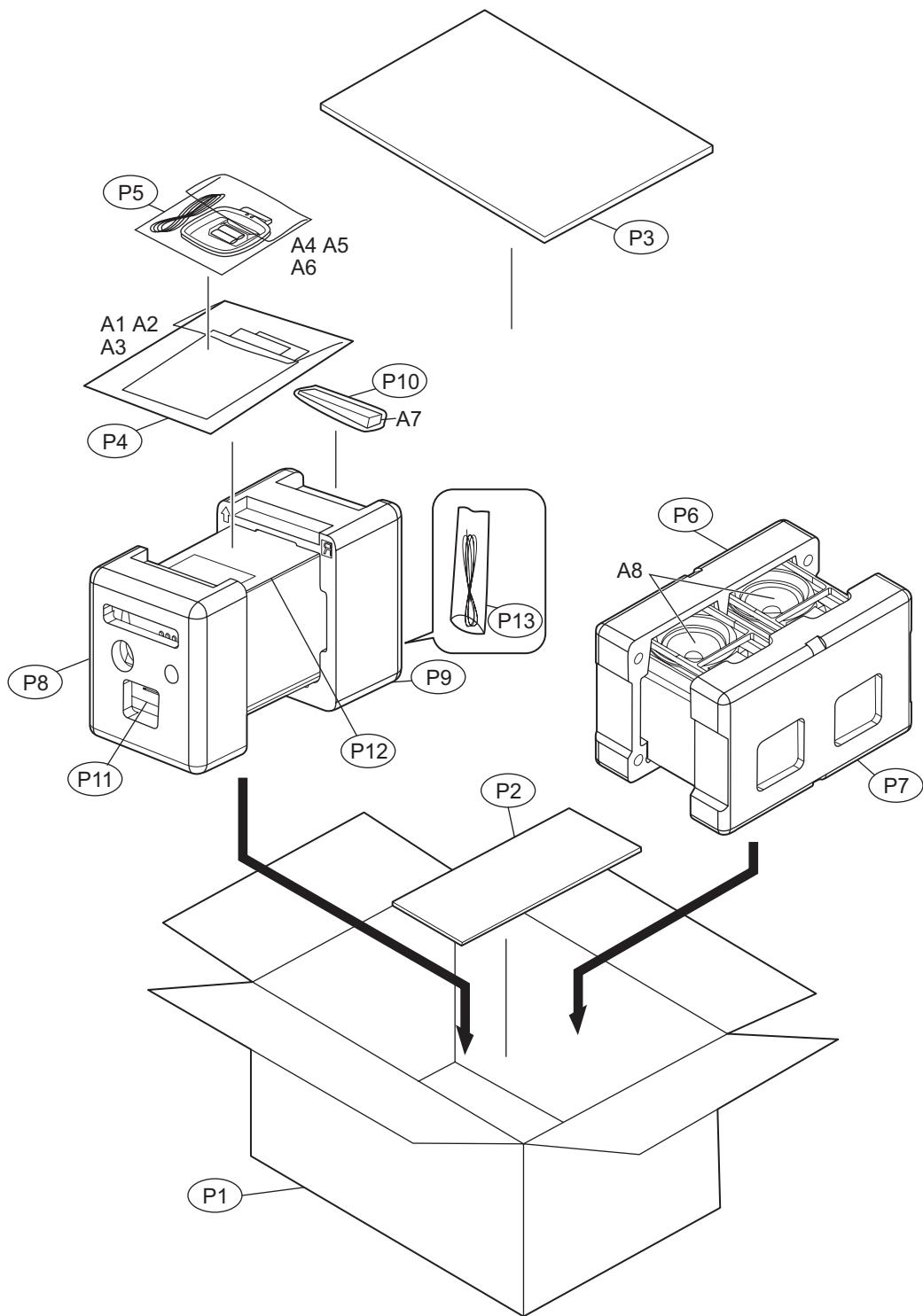
△ Symbol No.	Part No.	Part Name	Description	Local
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XXXXX BI1206691Y FFC CABLE 28P for MAIN
CN501 to DVD
XXXXX BI1206701Y FFC CABLE 10P for MAIN
CN502 to DVD
XXXXX BI1206901Y FFC CABLE 11P for MAIN
CN401 to Tuner
XXXXX BI1206971Y FFC CABLE 20P for MAIN
CN601 to FRONT
CN801

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDS are available.



Packing and Accessories

Block No. [M][3][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
A 1		BI440001541000	INST BOOK	ENG LVT1348-003A	B
A 1		BI440001543000	INST BOOK	GER FRE DUT LVT1348-004A	E
A 1		BI440001579000	INST BOOK	RUS LVT1348-007A	EE
A 1		BI440001577000	INST BOOK	SWE FIN DAN GER FRE SPA ITA LVT1348-005A EN	
A 1		BI440001582000	INST BOOK	CZE POL HUN LVT1348-006A	EV
A 2	-----		WARRANTY CARD	BT-54027-1	
A 3		BI400083291001	REGIST CARD		
A 4	-----		BATTERY	(x2)	
A 5		BIAN01031V	AM LOOP ANT		
A 6		BIAN01022V	FM ANT WIRE		
A 7		BI600GD702SV0	REMOTE CONTROL		
A 8		BI644FSGD7202S	SPEAKER BOX	(x2)	
P 1		BI430001905000	CARTON		EE
P 1		BI430001860000	CARTON		B,E,EN,EV
P 2		BI420011041000	CARTON SPACER		
P 3		BI420011042000	CARTON SPACER		
P 4		BI470011031001	POLY BAG		
P 5		BI470011057001	POLY BAG		
P 6		BI450012010000	POLY FOAM	Top	
P 7		BI450012011000	POLY FOAM	Bottom	
P 8		BI450012025000	POLY FOAM	Front	
P 9		BI450012026000	POLY FOAM	Rear	
P 10		BI4005355	POLY BAG	for Remote control	
P 11		BI450032001000	PROTECT SHEET		
P 12		BI450011134001	SHEET CROTH		
P 13		BI470011067001	POLY BAG	FOR AC CORD	